

C 837 12.2 0.7 13 1 US-08-351-748-2 Sequence 2, Appli
C 838 12.2 0.7 13 1 US-08-430-536A-2 Sequence 2, Appli
C 839 12.2 0.7 13 1 US-08-684-547-2 Sequence 2, Appli
C 840 12.2 0.7 13 1 PCT-US93-02246-2 Sequence 2, Appli
C 841 12.2 0.7 14 1 US-09-042-225-4 Sequence 4, Appli
C 842 12.2 0.7 14 1 US-09-390-324B-1 Sequence 1, Appli
C 843 12.2 0.7 14 1 US-10-015-593-1 Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-09-164-249B-6

; Sequence 6, Application US/09164249B
; Patent No. 6322971
; GENERAL INFORMATION:
; APPLICANT: Chetverin, Alexander B.
; APPLICANT: Kramer, Fred Russel
; TITLE OF INVENTION: NOVEL OLIGONUCLEOTIDE ARRAYS AND THEIR USE FOR SORTING,
; TITLE OF INVENTION: ISOLATING, SEQUENCING, AND MANIPULATING NUCLEIC ACIDS
; FILE REFERENCE: 07763-004003
; CURRENT APPLICATION NUMBER: US/09/164,249B
; CURRENT FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: US 08/473,010
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/247,530
; PRIOR FILING DATE: 1994-05-23
; PRIOR APPLICATION NUMBER: US 07/838,607
; PRIOR FILING DATE: 1992-02-19
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically derived DNA
US-09-164-249B-6

Query Match 1.3%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 41;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1731 TTACAAAAA 1754

Db 1 TTTAAAAA 24

RESULT 2
US-08-996-306-10/c
; Sequence 10, Application US/08996306
; Patent No. 5945522

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Chumakov, Ilya
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate cancer gene
; NUMBER OF SEQUENCES: 68
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knodde, Martens, Olson & Bear
; STREET: 501 West Broadway
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101-3505

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; OPERATING SYSTEM: Win95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/996,306
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Israelson, Ned A.
; REGISTRATION NUMBER: 29,655
; REFERENCE/DOCKET NUMBER: GENSET.018A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 235-8550
; TELEFAX: (619) 235-0176
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; NAME/KEY: PGR132
; LOCATION: complement 5198..5221
; OTHER INFORMATION: Location relative to seqid3
US-08-996-306-10

Query Match 1.2%; Score 21.4; DB 1; Length 24;
Best Local Similarity 95.7%; Pred. No. 57;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1732 TTACAAAAA 1754

Db 23 TTTCAAAAAA 1

RESULT 3
US-09-338-907-10/c
; Sequence 10, Application US/09338907
; Patent No. 6265546

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18CPLCP
; CURRENT APPLICATION NUMBER: US/09/338,907
; CURRENT FILING DATE: 1999-06-23
; EARLIER APPLICATION NUMBER: 08/996,306
; EARLIER FILING DATE: 1997-12-22
; EARLIER APPLICATION NUMBER: 60/099,658
; EARLIER FILING DATE: 1998-09-09
; EARLIER APPLICATION NUMBER: 09/218,207
; EARLIER FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 10
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc Feature
; LOCATION: 1..24
; OTHER INFORMATION: primer oligonucleotide PGR132
US-09-338-907-10

Query Match 1.2%; Score 21.4; DB 1; Length 24;
Best Local Similarity 95.7%; Pred. No. 57;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1732 TTACAAAAA 1754

Db 23 TTTCAAAAAA 1

C 691	12.8	0.7	17	1	US-08-762-500-55	Sequence 55, Appl	C 765	12.4	0.7	14	1	US-08-832-021-7	Sequence 7, Appl
C 692	12.8	0.7	17	1	US-08-463-903-89	Sequence 89, Appl	C 766	12.4	0.7	14	1	US-08-832-021-11	Sequence 11, Appl
C 693	12.8	0.7	17	1	US-08-998-099-91	Sequence 91, Appl	C 767	12.4	0.7	14	1	US-08-832-021-12	Sequence 12, Appl
C 694	12.8	0.7	17	1	US-09-071-845-1770	Sequence 1770, Ap	C 768	12.4	0.7	14	1	US-08-724-466B-16	Sequence 16, Appl
C 695	12.8	0.7	17	1	US-09-071-845-1894	Sequence 1894, Ap	C 769	12.4	0.7	14	1	US-08-724-466B-17	Sequence 17, Appl
C 696	12.8	0.7	17	1	US-09-071-845-1984	Sequence 1984, Ap	C 770	12.4	0.7	14	1	US-08-724-466B-18	Sequence 18, Appl
C 697	12.8	0.7	17	1	US-09-021-701-74	Sequence 74, Appl	C 771	12.4	0.7	14	1	US-08-724-466B-19	Sequence 19, Appl
C 698	12.8	0.7	17	1	US-09-021-701-75	Sequence 75, Appl	C 772	12.4	0.7	14	1	US-08-724-466B-20	Sequence 20, Appl
C 699	12.8	0.7	17	1	US-08-957-351-28	Sequence 28, Appl	C 773	12.4	0.7	14	1	US-08-724-466B-22	Sequence 22, Appl
C 700	12.8	0.7	17	1	US-07-935-695-89	Sequence 89, Appl	C 774	12.4	0.7	14	1	US-08-871-678C-9	Sequence 9, Appl
C 701	12.8	0.7	17	1	US-08-584-040-2519	Sequence 2519, Ap	C 775	12.4	0.7	14	1	US-08-991-789A-130	Sequence 130, App
C 702	12.8	0.7	17	1	US-08-584-040-2556	Sequence 2556, Ap	C 776	12.4	0.7	14	1	US-08-882-164D-17	Sequence 17, Appl
C 703	12.8	0.7	17	1	US-08-584-040-2740	Sequence 2740, Ap	C 777	12.4	0.7	14	1	US-08-882-164D-18	Sequence 18, Appl
C 704	12.8	0.7	17	1	US-08-584-040-2740	Sequence 7824, Ap	C 778	12.4	0.7	14	1	US-08-882-164D-20	Sequence 20, Appl
C 705	12.8	0.7	17	1	US-08-584-040-7832	Sequence 880, App	C 779	12.4	0.7	14	1	US-08-882-164D-22	Sequence 22, Appl
C 706	12.8	0.7	17	1	US-08-584-040-7824	Sequence 882, App	C 780	12.4	0.7	14	1	US-09-062-451-130	Sequence 130, App
C 707	12.8	0.7	17	1	US-08-679-645-880	Sequence 23, Appl	C 781	12.4	0.7	14	1	US-09-1303-069-10	Sequence 10, Appl
C 708	12.8	0.7	17	1	US-09-593-012-23	Sequence 526, App	C 782	12.4	0.7	14	1	US-09-134-250-10	Sequence 10, Appl
C 709	12.8	0.7	17	1	US-09-474-432B-556	Sequence 559, App	C 783	12.4	0.7	14	1	US-09-598-326-130	Sequence 130, App
C 710	12.8	0.7	17	1	US-09-474-432B-558	Sequence 568, App	C 784	12.4	0.7	14	1	US-09-370-838-17	Sequence 17, Appl
C 711	12.8	0.7	17	1	US-09-474-432B-559	Sequence 825, App	C 785	12.4	0.7	14	1	US-09-475-947A-310	Sequence 310, App
C 712	12.8	0.7	17	1	US-09-474-432B-568	Sequence 825, App	C 786	12.4	0.7	14	1	US-09-289-198-130	Sequence 130, App
C 713	12.8	0.7	17	1	US-08-415-658-6	Sequence 6, Appl	C 787	12.4	0.7	14	1	US-09-429-755-130	Sequence 2, Appl
C 714	12.8	0.7	17	1	US-09-371-772B-1043	Sequence 1043, Ap	C 788	12.4	0.7	15	1	US-08-041-599-2	Sequence 2, Appl
C 715	12.8	0.7	17	1	US-09-371-772B-1080	Sequence 1080, Ap	C 789	12.4	0.7	15	1	US-08-337-025-2	Sequence 2, Appl
C 716	12.8	0.7	17	1	US-09-371-772B-1080	Sequence 1264, Ap	C 790	12.4	0.7	15	1	US-08-363-240A-141	Sequence 141, App
C 717	12.8	0.7	17	1	US-09-371-772B-1264	Sequence 3608, Ap	C 791	12.4	0.7	15	1	US-08-363-240A-142	Sequence 142, App
C 718	12.8	0.7	17	1	US-09-371-772B-3606	Sequence 3608, Ap	C 792	12.4	0.7	15	1	US-08-363-240A-757	Sequence 157, App
C 719	12.8	0.7	17	1	US-09-371-772B-3608	Sequence 5343, Ap	C 793	12.4	0.7	15	1	US-08-585-664B-159	Sequence 159, App
C 720	12.8	0.7	17	1	US-09-371-772B-5343	Sequence 5476, Ap	C 794	12.4	0.7	15	1	US-08-819-867-68	Sequence 68, Appl
C 721	12.8	0.7	17	1	US-09-371-772B-5476	Sequence 5562, Ap	C 795	12.4	0.7	15	1	US-08-832-021-18	Sequence 18, Appl
C 722	12.8	0.7	17	1	US-09-371-772B-5562	Sequence 6785, Ap	C 796	12.4	0.7	15	1	US-08-832-021-19	Sequence 19, Appl
C 723	12.8	0.7	17	1	US-09-371-772B-6785	Sequence 6956, Ap	C 797	12.4	0.7	15	1	US-08-832-021-20	Sequence 20, Appl
C 724	12.8	0.7	17	1	US-09-371-772B-6956	Sequence 525, App	C 798	12.4	0.7	15	1	US-08-832-021-41	Sequence 41, Appl
C 725	12.8	0.7	17	1	US-09-476-387-525	Sequence 557, App	C 799	12.4	0.7	15	1	US-08-832-021-42	Sequence 42, Appl
C 726	12.8	0.7	17	1	US-09-476-387-557	Sequence 558, App	C 800	12.4	0.7	15	1	US-08-832-021-43	Sequence 43, Appl
C 727	12.8	0.7	17	1	US-09-476-387-558	Sequence 567, App	C 801	12.4	0.7	15	1	US-08-832-021-45	Sequence 45, Appl
C 728	12.8	0.7	17	1	US-09-476-387-567	Sequence 824, App	C 802	12.4	0.7	15	1	US-08-832-021-46	Sequence 46, Appl
C 729	12.8	0.7	17	1	US-09-476-387-824	Sequence 376, App	C 803	12.4	0.7	15	1	US-08-832-021-47	Sequence 47, Appl
C 730	12.8	0.7	17	1	US-09-827-998-376	Sequence 377, App	C 804	12.4	0.7	15	1	US-08-832-021-54	Sequence 54, Appl
C 731	12.8	0.7	17	1	US-09-827-998-377	Sequence 483, App	C 805	12.4	0.7	15	1	US-08-832-021-58	Sequence 58, Appl
C 732	12.8	0.7	17	1	US-09-827-998-483	Sequence 485, App	C 806	12.4	0.7	15	1	US-09-038-073-159	Sequence 159, App
C 733	12.8	0.7	17	1	US-09-827-998-485	Sequence 645, App	C 807	12.4	0.7	15	1	US-09-344-667-4	Sequence 4, Appl
C 734	12.8	0.7	17	1	US-09-866-108A-645	Sequence 645, App	C 808	12.4	0.7	15	1	US-09-446-765-4	Sequence 37, Appl
C 735	12.8	0.7	17	1	US-09-866-108A-646	Sequence 895, App	C 809	12.4	0.7	15	1	US-08-464-011B-58	Sequence 58, Appl
C 736	12.8	0.7	17	1	US-09-866-108A-895	Sequence 897, App	C 810	12.4	0.7	15	1	US-09-693-352-37	Sequence 37, Appl
C 737	12.8	0.7	17	1	US-09-866-108A-897	Sequence 1424, Ap	C 811	12.4	0.7	15	1	US-09-693-005A-37	Sequence 37, Appl
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C 739	12.8	0.7	17	1	US-09-866-108A-1425	Sequence 1530, Ap	C 813	12.4	0.7	15	1	US-09-976-978A-37	Sequence 37, Appl
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C 742	12.8	0.7	17	1	US-09-866-108A-1538	Sequence 1639, Ap	C 816	12.4	0.7	15	1	US-09-402-048-3	Sequence 3, Appl
C 743	12.8	0.7	17	1	US-09-866-108A-1539	Sequence 2252, Ap	C 817	12.4	0.7	15	1	US-09-402-048-6	Sequence 6, Appl
C 744	12.8	0.7	17	1	US-09-866-108A-2252	Sequence 2253, Ap	C 818	12.4	0.7	15	1	US-09-966-491A-37	Sequence 37, Appl
C 745	12.8	0.7	17	1	US-09-866-108A-2253	Sequence 6140, Ap	C 819	12.4	0.7	15	1	US-09-966-491A-37	Sequence 37, Appl
C 746	12.8	0.7	17	1	US-09-866-108A-6140	Sequence 6141, Ap	C 820	12.4	0.7	15	1	US-09-957-313A-37	Sequence 37, Appl
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C 748	12.8	0.7	17	1	US-09-866-108A-7436	Sequence 7437, Ap	C 822	12.4	0.7	15	1	US-09-976-062A-37	Sequence 37, Appl
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C 751	12.8	0.7	17	1	US-09-866-108A-10228	Sequence 10229, A	C 825	12.4	0.7	16	1	US-08-579-223-15	Sequence 15, Appl
C 752	12.8	0.7	17	1	US-09-866-108A-10229	Sequence 10507, A	C 826	12.4	0.7	16	1	US-08-282-197C-20	Sequence 20, Appl
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C 757	12.8	0.7	14	1	US-08-332-838-3	Sequence 3, Appl	C 831	12.4	0.7	16	1	US-09-102-528-15	Sequence 15, Appl
C 758	12.4	0.7	14	1	US-08-435-684A-9	Sequence 9, Appl	C 832	12.4	0.7	16	1	US-08-626-285-19	Sequence 19, Appl
C 759	12.4	0.7	14	1	US-08-373-127B-9	Sequence 9, Appl	C 833	12.4	0.7	16	1	US-09-300-958A-58	Sequence 58, Appl
C 760	12.4	0.7	14	1	US-08-494-577-10	Sequence 10, Appl	C 834	12.4	0.7	16	1	US-09-300-958A-84	Sequence 84, Appl
C 761	12.4	0.7	14	1	US-08-795-868-10	Sequence 10, Appl	C 835	12.4	0.7	16	1	US-09-527-972-17	Sequence 17, Appl
C 762	12.4	0.7	14	1	US-08-934-872A-9	Sequence 9, Appl	C 836	12.4	0.7	16	1	US-09-591-514-27	Sequence 27, Appl
C 763	12.4	0.7	14	1	US-08-832-021-5	Sequence 5, Appl	C 837	12.4	0.7	16	1	PCT-US94-12947A-15	Sequence 15, Appl

C 545	13.4	0.8	17	1	US-08-435-628-194	Sequence 194, App	618	13	0.7	16	1	US-08-711-417C-119	Sequence 119, App
C 546	13.4	0.8	17	1	US-08-722-187-12	Sequence 12, App	C 619	13	0.7	16	1	US-08-275-951-42	Sequence 42, App
C 547	13.4	0.8	17	1	US-08-964-020-2	Sequence 2, App	C 620	13	0.7	16	1	US-09-723-909-119	Sequence 119, App
C 548	13.4	0.8	17	1	US-09-083-366-16	Sequence 16, App	C 621	13	0.7	16	1	PCT-US93-08743-119	Sequence 119, App
C 549	13.4	0.8	17	1	US-08-584-040-2776	Sequence 2776, App	C 622	13	0.7	17	1	US-08-292-620A-139	Sequence 1639, App
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C 551	13.4	0.8	17	1	US-08-584-040-2777	Sequence 2778, App	C 624	13	0.7	17	1	US-08-292-620A-1823	Sequence 1823, App
C 552	13.4	0.8	17	1	US-09-370-644B-23	Sequence 23, App	C 625	13	0.7	17	1	US-08-292-620A-1868	Sequence 1868, App
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C 554	13.4	0.8	17	1	US-09-371-772B-1302	Sequence 1302, App	C 627	13	0.7	17	1	US-09-071-845-1790	Sequence 1790, App
C 555	13.4	0.8	17	1	US-09-371-772B-5090	Sequence 5090, App	C 628	13	0.7	17	1	US-09-071-845-1801	Sequence 1801, App
C 556	13.4	0.8	17	1	US-09-866-108A-6390	Sequence 6390, App	C 629	13	0.7	17	1	US-09-071-845-1823	Sequence 1823, App
C 557	13.4	0.8	17	1	US-09-866-108A-6391	Sequence 6391, App	C 630	13	0.7	17	1	US-09-071-845-1868	Sequence 1868, App
C 558	13.4	0.8	17	1	US-09-866-108A-6392	Sequence 6392, App	C 631	13	0.7	17	1	US-09-434-131A-12	Sequence 12, App
C 559	13.4	0.8	17	1	US-09-866-108A-7876	Sequence 7876, App	C 632	13	0.7	17	1	US-09-371-772B-1071	Sequence 1071, App
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C 562	13.4	0.8	17	1	US-09-866-108A-10020	Sequence 10020, App	C 635	13	0.7	17	1	US-09-866-108A-1385	Sequence 1385, App
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C 564	13.4	0.8	17	1	US-09-866-108A-10281	Sequence 10281, App	C 637	13	0.7	17	1	US-09-866-108A-1382	Sequence 1382, App
C 565	13.4	0.8	17	1	US-09-866-108A-10282	Sequence 10282, App	C 638	13	0.7	17	1	US-09-866-108A-1383	Sequence 1383, App
C 566	13.4	0.8	17	1	US-09-866-108A-10283	Sequence 10283, App	C 639	13	0.7	17	1	US-09-866-108A-1384	Sequence 1384, App
C 567	13.4	0.8	17	1	US-09-866-108A-10500	Sequence 10500, App	C 640	13	0.7	17	1	US-09-866-108A-1385	Sequence 1385, App
C 568	13.4	0.8	17	1	US-09-866-108A-10501	Sequence 10501, App	C 641	13	0.7	16	1	US-08-126-564A-46	Sequence 46, App
C 569	13.4	0.8	17	1	US-09-866-108A-10503	Sequence 10503, App	C 642	12.8	0.7	16	1	US-08-031-147A-56	Sequence 56, App
C 570	13.4	0.8	17	1	PCT-US91-03680-7	Sequence 7, App	C 643	12.8	0.7	16	1	US-08-455-627-16	Sequence 16, App
C 571	13.4	0.8	17	1	PCT-US95-04712-12	Sequence 12, App	C 644	12.8	0.7	16	1	US-08-748-591-18	Sequence 18, App
C 572	13.4	0.8	17	1	US-09-300-958A-65	Sequence 65, App	C 645	12.8	0.7	16	1	US-08-748-591-20	Sequence 20, App
C 573	13.2	0.8	14	1	US-08-745-269-3	Sequence 3, App	C 646	12.8	0.7	16	1	US-08-689-856-16	Sequence 16, App
C 574	13	0.7	13	1	US-08-745-269-4	Sequence 4, App	C 647	12.8	0.7	16	1	US-08-412-376-5	Sequence 5, App
C 575	13	0.7	13	1	US-09-305-223-1	Sequence 1, App	C 648	12.8	0.7	16	1	US-08-403-888A-39	Sequence 39, App
C 576	13	0.7	13	1	US-09-068-860-15	Sequence 15, App	C 649	12.8	0.7	16	1	US-08-403-888A-55	Sequence 55, App
C 577	13	0.7	13	1	US-09-352-540A-6	Sequence 6, App	C 650	12.8	0.7	16	1	US-08-739-069-1	Sequence 1, App
C 578	13	0.7	13	1	US-09-719-645-6	Sequence 6, App	C 651	12.8	0.7	16	1	US-08-656-906-2	Sequence 2, App
C 579	13	0.7	13	1	US-09-619-103-19	Sequence 19, App	C 652	12.8	0.7	16	1	US-07-808-452-11	Sequence 11, App
C 580	13	0.7	13	1	US-10-002-528-6	Sequence 6, App	C 653	12.8	0.7	16	1	US-08-757-024-858	Sequence 858, App
C 581	13	0.7	13	1	US-09-475-947A-29	Sequence 29, App	C 654	12.8	0.7	16	1	US-07-808-452-12	Sequence 12, App
C 582	13	0.7	13	1	US-08-455-627-8	Sequence 8, App	C 655	12.8	0.7	16	1	US-09-313-121-1	Sequence 1, App
C 583	13	0.7	14	1	US-08-486-955A-32	Sequence 32, App	C 656	12.8	0.7	16	1	US-09-217-847-2	Sequence 2, App
C 584	13	0.7	14	1	US-08-294-424-33	Sequence 33, App	C 657	12.8	0.7	16	1	US-08-750-088A-38	Sequence 38, App
C 585	13	0.7	14	1	US-08-689-856-8	Sequence 8, App	C 658	12.8	0.7	16	1	US-09-633-848-1	Sequence 1, App
C 586	13	0.7	14	1	US-08-371-777-8	Sequence 8, App	C 659	12.8	0.7	16	1	US-08-754-477A-37	Sequence 37, App
C 587	13	0.7	14	1	US-08-832-021-13	Sequence 13, App	C 660	12.8	0.7	16	1	US-09-474-432B-21	Sequence 21, App
C 588	13	0.7	14	1	US-08-832-021-14	Sequence 14, App	C 661	12.8	0.7	16	1	US-09-828-855-40	Sequence 40, App
C 589	13	0.7	14	1	US-08-832-021-15	Sequence 15, App	C 662	12.8	0.7	16	1	US-09-828-855-115	Sequence 115, App
C 590	13	0.7	14	1	US-08-832-021-16	Sequence 16, App	C 663	12.8	0.7	16	1	US-09-476-387-21	Sequence 21, App
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C 595	13	0.7	14	1	US-08-882-164D-12	Sequence 12, App	C 668	12.8	0.7	16	1	US-09-722-319-22	Sequence 22, App
C 596	13	0.7	14	1	US-08-882-164D-13	Sequence 13, App	C 669	12.8	0.7	16	1	US-09-722-319-23	Sequence 23, App
C 597	13	0.7	14	1	US-08-882-164D-15	Sequence 15, App	C 670	12.8	0.7	16	1	US-09-722-319-24	Sequence 24, App
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C 599	13	0.7	14	1	US-09-151-771B-18	Sequence 18, App	C 672	12.8	0.7	16	1	US-09-722-319-26	Sequence 26, App
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C 603	13	0.7	15	1	US-08-832-021-26	Sequence 26, App	C 676	12.8	0.7	17	1	US-08-579-223-67	Sequence 67, App
C 604	13	0.7	15	1	US-08-832-021-27	Sequence 27, App	C 677	12.8	0.7	17	1	US-08-579-223-67	Sequence 67, App
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C 607	13	0.7	15	1	US-08-832-021-38	Sequence 38, App	C 680	12.8	0.7	17	1	US-08-579-223-67	Sequence 67, App
C 608	13	0.7	15	1	US-08-832-021-39	Sequence 39, App	C 681	12.8	0.7	17	1	US-08-579-223-67	Sequence 67, App
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C 613	13	0.7	15	1	US-09-071-845-364	Sequence 364, App	C 686	12.8	0.7	17	1	US-08-173-489C-86	Sequence 86, App
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C 615	13	0.7	15	1	US-09-531-000-54	Sequence 54, App	C 688	12.8	0.7	17	1	US-08-665-259-42	Sequence 42, App
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C 617	13	0.7	16	1	US-08-465-590-119	Sequence 119, App	C 690	12.8	0.7	17	1	US-08-762-500-42	Sequence 42, App

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C 402	14.8	0.8	18	1	US-08-584-040-3043	Sequence 3043, Ap	C 475	13.8	0.8	17	1	US-08-584-040-7823	Sequence 7823, Ap
C 403	14.8	0.8	18	1	US-09-387-341-169	Sequence 169, App	C 476	13.8	0.8	17	1	US-08-679-645-881	Sequence 881, App
C 404	14.8	0.8	18	1	US-08-275-951-32	Sequence 32, Appl	C 477	13.8	0.8	17	1	US-09-903-915-3	Sequence 3, Appl1
C 405	14.8	0.8	18	1	US-08-275-951-33	Sequence 33, Appl	C 478	13.8	0.8	17	1	US-09-474-432B-467	Sequence 467, App
C 406	14.8	0.8	18	1	US-09-057-351-35	Sequence 35, Appl	C 479	13.8	0.8	17	1	US-09-474-432B-564	Sequence 564, App
C 407	14.8	0.8	18	1	US-09-057-351-36	Sequence 36, Appl	C 480	13.8	0.8	17	1	US-09-371-772B-675	Sequence 675, App
C 408	14.8	0.8	18	1	US-09-371-772B-1471	Sequence 1471, Ap	C 481	13.8	0.8	17	1	US-09-371-772B-1078	Sequence 1078, Ap
C 409	14.8	0.8	18	1	PCT-US94-02471-57	Sequence 57, Appl	C 482	13.8	0.8	17	1	US-09-371-772B-1079	Sequence 1079, Ap
C 410	14.8	0.8	19	1	US-09-672-717-2	Sequence 2, Appl1	C 483	13.8	0.8	17	1	US-09-371-772B-3603	Sequence 3603, Ap
C 411	14.4	0.8	16	1	US-09-050-159-12	Sequence 12, Appl	C 484	13.8	0.8	17	1	US-09-371-772B-3604	Sequence 3604, Ap
C 412	14.4	0.8	17	1	US-09-866-108A-7877	Sequence 7877, Ap	C 485	13.8	0.8	17	1	US-09-371-772B-3605	Sequence 3605, Ap
C 413	14.4	0.8	17	1	US-09-866-108A-7878	Sequence 7878, Ap	C 486	13.8	0.8	17	1	US-09-371-772B-3607	Sequence 3607, Ap
C 414	14.4	0.8	18	1	US-09-161-244-71	Sequence 71, Appl	C 487	13.8	0.8	17	1	US-09-371-772B-5015	Sequence 5015, Ap
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C 419	14.4	0.8	19	1	US-09-526-193A-148	Sequence 42, Appl	C 492	13.8	0.8	17	1	US-09-866-108A-7879	Sequence 7879, Ap
C 420	14.4	0.8	19	1	US-08-882-649A-75	Sequence 148, App	C 493	13.8	0.8	17	1	US-09-866-108A-10022	Sequence 10022, A
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C 426	14	0.8	14	1	US-08-882-164D-14	Sequence 14, Appl	C 499	13.8	0.8	18	1	US-08-591-196-52	Sequence 52, Appl
C 427	14	0.8	14	1	US-09-462-569B-1	Sequence 1, Appl1	C 500	13.8	0.8	18	1	US-09-280-409-92	Sequence 92, Appl
C 428	14	0.8	14	1	US-09-619-103-20	Sequence 20, Appl	C 501	13.8	0.8	18	1	US-09-306-595C-30	Sequence 30, Appl
C 429	14	0.8	14	1	5453496-4	Patent No. 5453496	C 502	13.8	0.8	18	1	US-08-584-040-8372	Sequence 8372, Ap
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C 431	14	0.8	15	1	US-08-452-196A-3	Sequence 3, Appl1	C 504	13.8	0.8	18	1	US-09-194-842A-48	Sequence 48, Appl
C 432	14	0.8	15	1	US-08-452-196A-4	Sequence 4, Appl1	C 505	13.8	0.8	18	1	US-09-360-543-60	Sequence 60, Appl
C 433	14	0.8	15	1	US-08-293-620A-56	Sequence 56, Appl	C 506	13.8	0.8	18	1	US-09-371-772B-4028	Sequence 4028, Ap
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C 449	14	0.8	16	1	US-08-461-271-6	Sequence 6, Appl1	C 522	13.4	0.8	15	1	PCT-US95-06379-13	Sequence 13, Appl
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254	17.2	1.0	22	1	US-08-403-888A-110	Sequence 110, App	327	15.2	0.9	20	1	US-09-780-173A-93	Sequence 93, Appl
255	17.2	1.0	22	1	US-08-403-888A-117	Sequence 117, App	328	15.2	0.9	20	1	US-09-422-978-563	Sequence 653, Ap
C 256	17	1.0	17	1	US-08-851-843A-132	Sequence 132, App	C 329	15.2	0.9	20	1	US-09-422-978-10187	Sequence 10187, A
C 257	17	1.0	17	1	US-09-250-075-5	Sequence 5, Appl	330	15.2	0.9	20	1	US-09-823-634B-18	Sequence 18, Appl
C 258	17	1.0	17	1	US-08-854-050-132	Sequence 132, App	331	15.2	0.9	20	1	US-09-823-634B-18	Sequence 18, Appl
C 259	17	1.0	17	1	US-09-430-923-132	Sequence 132, App	332	15.2	0.9	20	1	US-09-823-634B-18	Sequence 18, Appl
C 260	17	1.0	17	1	US-09-619-103-23	Sequence 23, App	333	15.2	0.9	20	1	US-09-112-580-72	Sequence 72, Appl
C 261	17	1.0	17	1	US-09-726-096A-5	Sequence 5, Appl	C 334	15	0.9	15	1	US-08-452-166A-6	Sequence 6, Appl
C 262	17	1.0	18	1	US-09-637-751A-5	Sequence 5, Appl	C 335	15	0.9	15	1	US-07-971-978-1	Sequence 1, Appl
C 263	17	1.0	19	1	US-08-973-857-6	Sequence 6, Appl	C 336	15	0.9	15	1	US-08-756-728A-2	Sequence 2, Appl
264	16.8	1.0	20	1	US-08-031-147A-55	Sequence 55, Appl	C 337	15	0.9	15	1	US-08-663-918-3	Sequence 3, Appl
265	16.8	1.0	20	1	US-08-403-888A-37	Sequence 37, Appl	C 338	15	0.9	15	1	US-08-663-918-4	Sequence 4, Appl
266	16.8	1.0	20	1	US-08-403-888A-45	Sequence 45, Appl	C 339	15	0.9	15	1	US-08-292-620A-361	Sequence 361, App
267	16.8	1.0	20	1	US-08-403-888A-114	Sequence 114, App	C 340	15	0.9	15	1	US-08-452-1620A-362	Sequence 362, App
C 268	16.8	1.0	20	1	US-08-403-888A-118	Sequence 118, App	341	15	0.9	15	1	US-08-771-789-3	Sequence 3, Appl
C 269	16.8	1.0	20	1	US-09-490-692-68	Sequence 68, Appl	C 342	15	0.9	15	1	US-08-358-556A-10	Sequence 10, Appl
270	16.8	1.0	20	1	US-09-228-942-7	Sequence 7, Appl	C 343	15	0.9	15	1	US-08-358-556A-16	Sequence 16, Appl
271	16.8	1.0	20	1	PCT-US94-02471-55	Sequence 55, Appl	C 344	15	0.9	15	1	US-08-922-170B-5	Sequence 5, Appl
C 272	16.4	0.9	20	1	US-09-198-452A-2140	Sequence 2140, Ap	345	15	0.9	15	1	US-08-863-639A-5	Sequence 5, Appl
C 273	16	0.9	16	1	US-07-971-978-36	Sequence 36, Appl	C 346	15	0.9	15	1	US-08-863-639A-7	Sequence 7, Appl
C 274	16	0.9	16	1	US-07-971-978-42	Sequence 42, Appl	C 347	15	0.9	15	1	US-08-863-639A-9	Sequence 9, Appl
C 275	16	0.9	16	1	US-07-971-978-60	Sequence 60, Appl	C 348	15	0.9	15	1	US-08-832-831-1	Sequence 1, Appl
C 276	16	0.9	16	1	US-08-415-370-2	Sequence 2, Appl	C 349	15	0.9	15	1	US-08-832-021-61	Sequence 61, Appl
C 277	16	0.9	16	1	US-08-687-551-15	Sequence 15, Appl	C 350	15	0.9	15	1	US-09-183-619-4	Sequence 4, Appl
C 278	16	0.9	16	1	US-09-141-764-2	Sequence 2, Appl	C 351	15	0.9	15	1	US-09-071-845-361	Sequence 361, App
279	16	0.9	16	1	US-08-851-843A-131	Sequence 131, App	C 352	15	0.9	15	1	US-09-071-845-362	Sequence 362, App
280	16	0.9	16	1	US-08-554-050-131	Sequence 131, App	C 353	15	0.9	15	1	US-09-167-375-1	Sequence 1, Appl
281	16	0.9	16	1	US-09-430-923-131	Sequence 131, App	C 354	15	0.9	15	1	US-08-150-156A-19	Sequence 19, Appl
C 282	16	0.9	16	1	US-09-507-345A-2	Sequence 2, Appl	C 355	15	0.9	15	1	US-08-150-156A-20	Sequence 20, Appl
C 283	16	0.9	16	1	US-09-619-103-22	Sequence 22, Appl	C 356	15	0.9	15	1	US-08-108-591B-17	Sequence 17, Appl
C 284	16	0.9	16	1	US-09-739-928-2	Sequence 2, Appl	C 357	15	0.9	15	1	US-08-108-591B-18	Sequence 18, Appl
C 285	16	0.9	17	1	US-08-821-827C-30	Sequence 30, Appl	C 358	15	0.9	15	1	US-09-619-103-21	Sequence 21, Appl
C 286	16	0.9	17	1	US-09-290-202B-30	Sequence 30, Appl	C 359	15	0.9	15	1	US-09-619-103-21	Sequence 21, Appl
C 287	16	0.9	17	1	US-08-584-040-2550	Sequence 2550, Ap	C 360	15	0.9	15	1	US-08-988-028C-9	Sequence 9, Appl
C 288	16	0.9	17	1	US-08-584-040-2551	Sequence 2551, Ap	C 361	15	0.9	15	1	US-09-435-733-5	Sequence 5, Appl
C 289	16	0.9	17	1	US-09-788-338-3	Sequence 3, Appl	C 362	15	0.9	15	1	US-10-091-231-2	Sequence 2, Appl
C 290	16	0.9	17	1	US-09-300-958A-64	Sequence 64, App	C 363	15	0.9	15	1	US-09-930-218-5	Sequence 5, Appl
C 291	16	0.9	17	1	US-09-371-772B-1074	Sequence 1074, Ap	C 364	15	0.9	16	1	US-09-507-345A-3	Sequence 3, Appl
C 292	16	0.9	17	1	US-09-371-772B-1075	Sequence 1075, Ap	C 365	15	0.9	16	1	US-09-507-345A-4	Sequence 4, Appl
C 293	16	0.9	18	1	US-09-637-751A-7	Sequence 7, Appl	C 366	15	0.9	16	1	US-09-507-345A-5	Sequence 5, Appl
C 294	16	0.9	20	1	US-09-658-687A-47	Sequence 47, Appl	C 367	15	0.9	16	1	US-09-507-345A-6	Sequence 6, Appl
C 295	16	0.9	21	1	US-09-228-942-8	Sequence 8, Appl	C 368	15	0.9	16	1	US-09-507-345A-7	Sequence 7, Appl
C 296	15.8	0.9	20	1	US-08-063-167A-57	Sequence 57, Appl	C 369	15	0.9	16	1	US-09-507-345A-8	Sequence 8, Appl
C 297	15.8	0.9	20	1	US-08-007-997A-57	Sequence 57, Appl	C 370	15	0.9	16	1	US-09-739-928-3	Sequence 3, Appl
C 298	15.8	0.9	20	1	US-08-440-740A-57	Sequence 57, Appl	C 371	15	0.9	16	1	US-09-739-928-4	Sequence 4, Appl
C 299	15.8	0.9	20	1	US-08-344-155C-57	Sequence 57, Appl	C 372	15	0.9	16	1	US-09-739-928-5	Sequence 5, Appl
C 300	15.8	0.9	20	1	US-08-982-845B-57	Sequence 57, Appl	C 373	15	0.9	16	1	US-09-739-928-6	Sequence 6, Appl
C 301	15.8	0.9	20	1	US-09-344-001-12	Sequence 12, Appl	C 374	15	0.9	16	1	US-09-739-928-7	Sequence 7, Appl
C 302	15.8	0.9	20	1	US-08-991-525B-57	Sequence 57, Appl	C 375	15	0.9	16	1	US-09-739-928-8	Sequence 8, Appl
C 303	15.8	0.9	20	1	US-09-085-759-57	Sequence 57, Appl	C 376	15	0.9	17	1	US-08-292-620A-1682	Sequence 1682, Ap
C 304	15.8	0.9	20	1	US-09-128-496-57	Sequence 57, Appl	C 377	15	0.9	17	1	US-08-985-162-35	Sequence 35, Appl
C 305	15.8	0.9	20	1	US-09-009-490A-57	Sequence 57, Appl	C 378	15	0.9	17	1	US-09-071-845-1682	Sequence 1682, Ap
C 306	15.8	0.9	20	1	PCT-US93-08101-57	Sequence 57, Appl	C 379	15	0.9	17	1	US-08-584-040-243	Sequence 243, Ap
C 307	15.8	0.9	21	1	PCT-US93-08101-57	Sequence 10471, A	C 380	15	0.9	17	1	US-08-584-040-2532	Sequence 2532, Ap
C 308	15.6	0.9	17	1	US-08-937-067-17	Sequence 17, Appl	C 381	15	0.9	17	1	US-09-475-947A-1118	Sequence 1118, App
C 309	15.4	0.9	18	1	US-08-715-202A-7	Sequence 7, Appl	C 382	15	0.9	17	1	US-09-300-958A-63	Sequence 63, Appl
C 310	15.4	0.9	18	1	US-09-328-775-7	Sequence 7, Appl	C 383	15	0.9	17	1	US-09-371-772B-1073	Sequence 1073, Appl
C 311	15.4	0.9	18	1	US-09-994-177-7	Sequence 7, Appl	C 384	15	0.9	17	1	US-09-371-772B-1076	Sequence 1076, Ap
C 312	15.4	0.9	18	1	PCT-US91-03680-73	Sequence 73, Appl	C 385	15	0.9	17	1	US-09-401-063-35	Sequence 35, Appl
C 313	15.4	0.9	18	1	PCT-US91-03680-74	Sequence 74, Appl	C 386	15	0.9	18	1	US-09-437-076-1	Sequence 1, Appl
C 314	15.4	0.9	20	1	US-08-715-461-3	Sequence 3, Appl	C 387	15	0.9	18	1	US-08-482-115B-36	Sequence 36, Appl
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C 316	15.4	0.9	20	1	US-08-715-461-5	Sequence 5, Appl	C 389	15	0.9	18	1	US-08-403-888A-38	Sequence 38, Appl
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C 110	19	1.1	19	1	US-08-469-852A-2	Sequence 2, Appl	C 183	19	1.1	19	1	US-09-349-040A-4	Sequence 4, Appl
C 111	19	1.1	19	1	US-08-271-882B-16	Sequence 16, Appl	C 184	19	1.1	19	1	US-09-349-040A-5	Sequence 5, Appl
C 112	19	1.1	19	1	US-08-295-509B-2	Sequence 2, Appl	C 185	19	1.1	19	1	US-09-409-926A-17	Sequence 17, Appl
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C 124	19	1.1	19	1	US-09-016-520-34	Sequence 34, Appl	C 197	19	1.1	19	1	US-10-123-597-15	Sequence 15, Appl
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C 129	19	1.1	19	1	US-09-130-973-22	Sequence 22, Appl	C 202	19	1.1	19	1	US-09-224-661-32	Sequence 32, Appl
C 130	19	1.1	19	1	US-09-130-973-23	Sequence 23, Appl	C 203	19	1.1	19	1	US-08-336-728A-32	Sequence 32, Appl
C 131	19	1.1	19	1	US-09-130-973-24	Sequence 24, Appl	C 204	19	1.1	19	1	US-08-359-295C-23	Sequence 23, Appl
C 132	19	1.1	19	1	US-09-130-973-25	Sequence 25, Appl	C 205	19	1.1	19	1	US-09-183-650-23	Sequence 23, Appl
C 133	19	1.1	19	1	US-09-130-973-26	Sequence 26, Appl	C 206	19	1.1	19	1	PCT-US94-05407-7	Sequence 7, Appl
C 134	19	1.1	19	1	US-09-130-973-27	Sequence 27, Appl	C 207	19	1.1	19	1	PCT-US94-05407-8	Sequence 8, Appl
C 135	19	1.1	19	1	US-09-130-973-31	Sequence 31, Appl	C 208	19	1.1	19	1	US-09-721-154-6	Sequence 6, Appl
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C 137	19	1.1	19	1	US-09-130-973-44	Sequence 34, Appl	C 210	19	1.1	19	1	US-08-482-918-3	Sequence 3, Appl
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C 147	19	1.1	19	1	US-09-477-902-33	Sequence 33, Appl	C 220	19	1.1	19	1	US-08-621-914A-16	Sequence 16, Appl
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C 149	19	1.1	19	1	US-08-726-278-16	Sequence 16, Appl	C 222	19	1.1	19	1	US-08-358-556A-12	Sequence 12, Appl
C 150	19	1.1	19	1	US-09-338-907-515	Sequence 515, Appl	C 223	19	1.1	19	1	US-08-469-852A-4	Sequence 4, Appl
C 151	19	1.1	19	1	US-09-378-665A-5	Sequence 5, Appl	C 224	19	1.1	19	1	US-08-295-509B-4	Sequence 4, Appl
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C 153	19	1.1	19	1	US-09-202-294-5	Sequence 515, Appl	C 226	19	1.1	19	1	US-09-637-751A-6	Sequence 6, Appl
C 154	19	1.1	19	1	US-09-303-586-15	Sequence 15, Appl	C 227	19	1.1	19	1	US-09-545-225-9	Sequence 9, Appl
C 155	19	1.1	19	1	US-09-303-586-16	Sequence 16, Appl	C 228	19	1.1	19	1	US-09-619-103-24	Sequence 24, Appl
C 156	19	1.1	19	1	US-09-303-586-17	Sequence 17, Appl	C 229	19	1.1	19	1	US-09-619-103-24	Sequence 24, Appl
C 157	19	1.1	19	1	US-09-303-586-18	Sequence 18, Appl	C 230	19	1.1	19	1	US-09-370-541-14	Sequence 14, Appl
C 158	19	1.1	19	1	US-09-303-586-19	Sequence 19, Appl	C 231	19	1.1	19	1	US-09-370-541-14	Sequence 14, Appl
C 159	19	1.1	19	1	US-09-303-586-20	Sequence 20, Appl	C 232	19	1.1	19	1	PCT-US94-05407-4	Sequence 4, Appl
C 160	19	1.1	19	1	US-09-303-586-21	Sequence 21, Appl	C 233	19	1.1	19	1	US-09-435-806-7	Sequence 7, Appl
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C 163	19	1.1	19	1	US-09-227-782-2	Sequence 2, Appl	C 236	19	1.1	19	1	US-08-458-050-1	Sequence 1, Appl
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C 165	19	1.1	19	1	US-09-227-782-4	Sequence 4, Appl	C 238	19	1.1	19	1	US-08-950-196-1	Sequence 1, Appl
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C 167	19	1.1	19	1	US-09-227-782-6	Sequence 6, Appl	C 240	19	1.1	19	1	US-08-950-196-3	Sequence 3, Appl
C 168	19	1.1	19	1	US-09-227-782-7	Sequence 7, Appl	C 241	19	1.1	19	1	US-08-950-196-4	Sequence 4, Appl
C 169	19	1.1	19	1	US-09-227-782-8	Sequence 8, Appl	C 242	19	1.1	19	1	US-07-612-900-20	Sequence 20, Appl
C 170	19	1.1	19	1	US-09-227-782-12	Sequence 12, Appl	C 243	19	1.1	19	1	US-08-313-073A-11	Sequence 11, Appl
C 171	19	1.1	19	1	US-09-227-782-14	Sequence 14, Appl	C 244	19	1.1	19	1	US-08-502-046-20	Sequence 20, Appl
C 172	19	1.1	19	1	US-09-227-782-15	Sequence 15, Appl	C 245	19	1.1	19	1	US-08-704-966-7	Sequence 7, Appl
C 173	19	1.1	19	1	US-09-227-782-25	Sequence 25, Appl	C 246	19	1.1	19	1	US-08-704-966-7	Sequence 7, Appl
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Title: us-10-008-789-3
Perfect score: 1755

Sequence: 1 cgcgcgggcaggtcccaaaa.....aaaaaaaaaaaaaaaaaaaaa 1755

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 0.5

Searched: 843 seqs, 14956 residues

Total number of hits satisfying chosen parameters: 1686

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 843 summaries

Database: rmidb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	22.4	1.3	24	US-09-164-249B-6	Sequence 6, Appl1
2	21.4	1.2	24	US-08-996-306-10	Sequence 10, Appl1
3	21.4	1.2	24	US-09-338-907-10	Sequence 10, Appl1
4	21.4	1.2	24	US-09-218-207-10	Sequence 10, Appl1
5	21.4	1.2	26	US-08-621-914A-1	Sequence 1, Appl1
6	21.4	1.2	26	US-09-522-217-38	Sequence 38, Appl1
7	21.4	1.2	26	US-09-527-345-7	Sequence 7, Appl1
8	21.4	1.2	26	US-09-923-246-38	Sequence 38, Appl1
9	21.4	1.2	27	US-10-295-723-38	Sequence 38, Appl1
10	21.4	1.2	27	US-09-475-947A-153	Sequence 153, Appl1
11	21	1.2	25	US-08-113-646A-42	Sequence 42, Appl1
12	21	1.2	26	US-08-621-914A-3	Sequence 3, Appl1
13	20.6	1.2	26	US-09-527-345-6	Sequence 6, Appl1
14	20.6	1.2	26	US-09-167-513-10	Sequence 10, Appl1
15	20.6	1.2	26	US-09-161-939A-43	Sequence 43, Appl1
16	20.4	1.2	22	US-08-123-449A-19	Sequence 19, Appl1
17	20.4	1.2	22	US-08-458-050-19	Sequence 19, Appl1
18	20.4	1.2	22	US-08-847-844A-94	Sequence 94, Appl1
19	20.4	1.2	22	US-08-950-196-19	Sequence 19, Appl1
20	20.4	1.2	22	US-09-720-201A-25	Sequence 25, Appl1
21	20.4	1.2	24	US-08-014-943A-25	Sequence 25, Appl1
22	20.4	1.2	24	US-08-486-421-50	Sequence 50, Appl1
23	20.4	1.2	24	US-08-470-911-50	Sequence 50, Appl1
24	20.4	1.2	24	US-08-735-381-1	Sequence 1, Appl1
25	20.4	1.2	25	US-08-486-809-50	Sequence 50, Appl1
26	20.4	1.2	24	US-09-183-619-7	Sequence 7, Appl1
27	20.4	1.2	24	US-09-201-674-1	Sequence 1, Appl1
28	20.4	1.2	24	US-09-536-936-11	Sequence 11, Appl1
29	20.4	1.2	24	US-09-025-639-4	Sequence 4, Appl1
30	20.4	1.2	24	US-09-333-237-4	Sequence 4, Appl1
31	20.4	1.2	24	US-09-732-067-1	Sequence 134, Appl1
32	20.4	1.2	24	US-09-475-947A-134	Sequence 4, Appl1
33	20.4	1.2	24	US-10-043-415-4	Sequence 4, Appl1

34	20.4	1.2	24	US-09-854-317-1	Sequence 1, Appl1
35	20.4	1.2	24	US-09-721-154-1	Sequence 1, Appl1
36	20.4	1.2	24	US-09-721-154-4	Sequence 4, Appl1
37	20.4	1.2	25	US-08-341-148-2	Sequence 2, Appl1
38	20.4	1.2	25	US-08-460-130-2	Sequence 2, Appl1
39	20.4	1.2	25	US-08-969-813-1	Sequence 1, Appl1
40	20.4	1.2	25	US-09-183-619-5	Sequence 5, Appl1
41	20.4	1.2	25	US-09-282-734-23	Sequence 23, Appl1
42	20.4	1.2	25	PCT-US94-14096-2	Sequence 2, Appl1
43	20.4	1.2	26	US-08-621-914A-2	Sequence 2, Appl1
44	20.4	1.2	26	US-08-873-437-2	Sequence 2, Appl1
45	20.4	1.2	26	US-09-197-951-5	Sequence 5, Appl1
46	20.4	1.2	26	US-09-522-217-39	Sequence 39, Appl1
47	20.4	1.2	26	US-09-593-312-7	Sequence 2, Appl1
48	20.4	1.2	26	US-09-923-246-39	Sequence 3, Appl1
49	20.4	1.2	26	US-09-658-077-1	Sequence 1, Appl1
50	20.4	1.2	26	US-10-295-723-39	Sequence 39, Appl1
51	20.4	1.2	27	US-08-208-486-79	Sequence 79, Appl1
52	20.4	1.2	27	US-09-325-554-18	Sequence 18, Appl1
53	20.4	1.1	20	US-08-146-804-16	Sequence 16, Appl1
54	20	1.1	20	US-08-379-593-5	Sequence 5, Appl1
55	20	1.1	20	US-08-725-976-16	Sequence 16, Appl1
56	20	1.1	20	US-08-997-080-83	Sequence 83, Appl1
57	20	1.1	20	US-08-597-362-83	Sequence 83, Appl1
58	20	1.1	20	US-08-965-780-1	Sequence 1, Appl1
59	20	1.1	20	US-08-873-970-83	Sequence 83, Appl1
60	20	1.1	20	US-08-765-340-96	Sequence 96, Appl1
61	20	1.1	20	US-09-095-855-83	Sequence 83, Appl1
62	20	1.1	20	US-09-407-675-1	Sequence 1, Appl1
63	20	1.1	20	US-09-250-075-1	Sequence 1, Appl1
64	20	1.1	20	US-09-173-936B-14	Sequence 14, Appl1
65	20	1.1	20	US-09-454-704A-13	Sequence 13, Appl1
66	20	1.1	20	US-09-324-542-83	Sequence 83, Appl1
67	20	1.1	20	US-09-205-426-83	Sequence 83, Appl1
68	20	1.1	20	US-09-619-103-26	Sequence 26, Appl1
69	20	1.1	20	US-09-726-096A-1	Sequence 1, Appl1
70	20	1.1	20	US-09-603-830-55	Sequence 55, Appl1
71	20	1.1	20	US-09-976-978A-55	Sequence 55, Appl1
72	20	1.1	20	US-09-344-260A-10	Sequence 10, Appl1
73	20	1.1	20	US-09-961-949A-35	Sequence 35, Appl1
74	20	1.1	20	US-09-966-491A-55	Sequence 55, Appl1
75	20	1.1	20	US-09-957-313A-55	Sequence 55, Appl1
76	20	1.1	20	US-09-966-312-55	Sequence 55, Appl1
77	20	1.1	20	US-09-975-062A-55	Sequence 55, Appl1
78	20	1.1	20	US-09-976-971A-55	Sequence 55, Appl1
79	20	1.1	20	PCT-US93-07603-6	Sequence 6, Appl1
80	20	1.1	21	US-08-146-504-2	Sequence 2, Appl1
81	20	1.1	21	US-08-455-896-13	Sequence 13, Appl1
82	20	1.1	21	US-08-933-149-13	Sequence 13, Appl1
83	20	1.1	21	US-08-725-976-2	Sequence 2, Appl1
84	20	1.1	21	US-09-082-343-13	Sequence 13, Appl1
85	20	1.1	21	US-08-863-639A-10	Sequence 10, Appl1
86	20	1.1	21	US-08-863-639A-13	Sequence 13, Appl1
87	20	1.1	21	US-08-416-214A-12	Sequence 12, Appl1
88	20	1.1	21	US-09-082-553-13	Sequence 13, Appl1
89	20	1.1	21	US-08-271-882B-2	Sequence 2, Appl1
90	20	1.1	21	US-08-726-278-2	Sequence 2, Appl1
91	20	1.1	21	US-09-162-622-13	Sequence 13, Appl1
92	20	1.1	21	US-09-509-015-13	Sequence 13, Appl1
93	20	1.1	21	PCT-US96-08235-13	Sequence 13, Appl1
94	19.2	1.1	24	US-08-031-147A-52	Sequence 52, Appl1
95	19.2	1.1	24	US-08-403-888A-35	Sequence 35, Appl1
96	19.2	1.1	24	US-08-403-888A-43	Sequence 43, Appl1
97	19.2	1.1	24	US-08-403-888A-109	Sequence 109, Appl1
98	19.2	1.1	24	US-08-403-888A-116	Sequence 116, Appl1
99	19.2	1.1	24	US-08-729-598-3	Sequence 3, Appl1
100	19.2	1.1	24	US-08-819-867-29	Sequence 29, Appl1
101	19.2	1.1	24	US-08-819-867-32	Sequence 32, Appl1
102	19.2	1.1	24	US-08-819-867-34	Sequence 34, Appl1
103	19.2	1.1	24	US-09-378-535-29	Sequence 29, Appl1
104	19.2	1.1	24	US-09-378-535-32	Sequence 32, Appl1
105	19.2	1.1	24	US-09-378-535-34	Sequence 34, Appl1
106	19.2	1.1	24	PCT-US94-02471-52	Sequence 52, Appl1

c1421	13.4	0.8	17	1	AACT2533	Single nucleotide
c1422	13.4	0.8	17	1	AACT2524	Single nucleotide
c1423	13.4	0.8	17	1	AACT2521	Single nucleotide
c1424	13.4	0.8	17	1	AAAF70335	DNA synthesis adap
c1425	13.4	0.8	17	1	AAAF81949	MSA1 N-terminal fir
c1426	13.4	0.8	17	1	ABK037365	Human CD20 Ambery
c1427	13.4	0.8	17	1	ABK02365	Human NOGO Ambery
c1428	13.4	0.8	17	1	ABA80561	APOE mutation cort
c1429	13.4	0.8	17	1	ABA80560	APOE mutation cort
c1430	13.4	0.8	17	1	ABAS0657	Human CDNA synthe
c1431	13.4	0.8	17	1	AA171138	Detection probe SE
c1432	13.4	0.8	17	1	ABN10029	Human GDMIP-1 17-m
c1433	13.4	0.8	17	1	ABN10511	Human GDMIP-1 17-m
c1434	13.4	0.8	17	1	ABN06400	Human GDMIP-1 17-m
c1435	13.4	0.8	17	1	ABN07888	Human GDMIP-1 17-m
c1436	13.4	0.8	17	1	ABN10289	Human GDMIP-1 17-m
c1437	13.4	0.8	17	1	ABN10291	Human GDMIP-1 17-m
c1438	13.4	0.8	17	1	ABN10508	Human GDMIP-1 17-m
c1439	13.4	0.8	17	1	ABN06399	Human GDMIP-1 17-m
c1440	13.4	0.8	17	1	ABN07889	Human GDMIP-1 17-m
c1441	13.4	0.8	17	1	ABN06398	Human GDMIP-1 17-m
c1442	13.4	0.8	17	1	ABN07884	Human GDMIP-1 17-m
c1443	13.4	0.8	17	1	ABN10509	Human GDMIP-1 17-m
c1444	13.4	0.8	17	1	ABN10028	Human GDMIP-1 17-m
c1445	13.4	0.8	17	1	ABN10290	Human GDMIP-1 17-m
c1446	13.4	0.8	17	1	ABV79402	Human HTPI scannin
c1447	13.4	0.8	17	1	ABV79403	Human HTPI scannin
c1448	13.4	0.8	17	1	ABK19204	Human ERG Ambery
c1449	13.4	0.8	17	1	ABK18235	Human ERG hammerhe
c1450	13.4	0.8	17	1	ABK17536	Human ERG hammerhe
c1451	13.4	0.8	17	1	ABK19388	Human ERG Ambery
c1452	13.4	0.8	17	1	ABK19205	Human ERG Ambery
c1453	13.4	0.8	17	1	ABK19389	Human ERG hammerhe
c1454	13.4	0.8	17	1	ABK17999	Human ERG hammerhe
c1455	13.4	0.8	17	1	ABK18187	Human ERG hammerhe
c1456	13.4	0.8	17	1	ABK18234	Human ERG hammerhe
c1457	13.4	0.8	17	1	ABK57766	Human CLCA1 gene e
c1458	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1459	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1460	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1461	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1462	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1463	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1464	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1465	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1466	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1467	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1468	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1469	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1470	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1471	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1472	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1473	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1474	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1475	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1476	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1477	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1478	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1479	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1480	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1481	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1482	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1483	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1484	13.4	0.8	17	1	ABK57765	Human CLCA1 gene e
c1485	13.2	0.8	14	1	AA118608	Human TRIPs anti
c1486	13.2	0.8	14	1	AA236741	Degenerate 3' olig
c1487	13.2	0.8	14	1	AA236741	Anchored oligo (dt)
c1488	13.2	0.8	14	1	AA236741	Oligo-dt PCR prime
c1489	13.2	0.8	14	1	AA236741	Oligo-dt PCR prime
c1490	13.2	0.8	14	1	AA236741	RT-PCR primer of t

ALIGNMENTS

SO	Sequence 27 BP; 5 A; 6 C; 11 G; 5 T; 0 U; 0 Other;	RESULT 1
CC		ABX94934/C
CC		ID ABX94934 standard; DNA; 27 BP.
CC		XX ABX94934;
CC		XX 25-AUG-2003 (first entry)
CC		DE Renilla luciferase associated PCR primer #198-rev.
CC		XX Luciferase; ubiquitin promoter; glucocorticoid receptor; PCR; primer;
CC		XX transrepression protein-protein reciprocal effect; immunosuppressive;
CC		XX transactivation deficient inflammation; ss.
CC		OS Renilla reniformis.
CC		PN DE10222714-A1.
CC		XX 02-JAN-2003.
CC		XX 23-MAY-2002; 2002DE-01022714.
CC		XX 28-MAY-2001; 2001DE-01024575.
CC		PA (GESL) FORSCHUNGSZENTRUM KARLSRUHE GMBH.
CC		PI Goettlicher M, Heilbock C, Herrlich P, Litfin M, Schneider S;
CC		XX WPI; 2003-291460/29.
CC		XX A genetically modified glucocorticoid receptor which is transactivation
CC		PT deficient is used to identify cofactors which will be useful to provide
CC		PT inflammation-inhibiting and immunosuppressive treatment.
CC		PS Disclosure; Col 12; 12pp; German.
CC		XX This invention describes a novel genetically modified glucocorticoid
CC		CC receptor, which has transrepression protein-protein reciprocal effects
CC		CC and is transactivation deficient. The invention also describes (1) a gene
CC		CC construct comprising at least a nucleic acid encoding the glucocorticoid
CC		CC receptor, operably linked with regulatory sequences of a reporter gene,
CC		CC preferably a DNA-binding domain for a reporter gene; (2) identifying a
CC		CC gene encoding a cofactor involved in glucocorticoid receptor modulation
CC		CC of at least another transcription factor comprising: (a) using the above
CC		CC construct with an expression bank of a eukaryotic cell expressed in a
CC		CC yeast two hybrid system; (b) detecting a specific protein-protein complex
CC		CC or the receptor and a cofactor through growth in a selective medium for
CC		CC the reporter and (c) isolating and characterizing the nucleic acid
CC		CC encoding the cofactor in the cDNA clone; (3) a cofactor with
CC		CC transrepression specific for the glucocorticoid receptor which in a
CC		CC protein-protein interaction achieves a reciprocal effect, whereby within
CC		CC a downstream segment the N-terminal AF-1 and the DNA-binding domain of
CC		CC the receptors are bound; (4) identifying an agent which affects the
CC		CC reciprocal effect of the glucocorticoid receptor with other transcription
CC		CC factors and/or cofactors, whereby the receptor or construct is contacted
CC		CC with a potential agent and modulation of the interaction of the protein
CC		CC partner is measured by expression of the reporter gene or detecting
CC		CC protein-protein complex binding; (5) an agent for modulating interaction
CC		CC of the glucocorticoid receptor with a cofactor which binds either at the
CC		CC binding site of a physiological hormone or at a separate binding place
CC		CC and (6) a compound with an inflammation-inhibiting or immunosuppressive
CC		CC effect comprising the above agent. The genetically modified
CC		CC glucocorticoid receptor is useful to identify coreceptors which are used
CC		CC to produce an inflammation-inhibiting or immunosuppressive treatment.
CC		CC This sequence represents a PCR primer #198-rev used to amplify a Renilla
CC		CC reniformis luciferase gene which is then cloned into a reporter construct
CC		CC behind a ubiquitin promoter
CC		XX

Query Match 1.5%; Score 27; DB 1; Length 27;
Best Local Similarity 100.0%; Pred. No. 23;

c1275	13.8	0.8	17	1	AAx75068	Mouse flt-1 VEGF r	c1348	13.8	0.8	18	1	AAT31547	Vaccinia virus thym
c1276	13.8	0.8	17	1	AAx75073	Mouse flt-1 VEGF r	c1349	13.8	0.8	18	1	AAZ31397	TK gene specific f
c1277	13.8	0.8	17	1	AAx69804	Human flt1 VEGF r	c1350	13.8	0.8	18	1	AAT96696	Hereditary haemoch
c1278	13.8	0.8	17	1	AAx75070	Mouse flt-1 VEGF r	c1351	13.8	0.8	18	1	AAV01515	Antisense primer f
c1279	13.8	0.8	17	1	AAx75069	Mouse flt-1 VEGF r	c1352	13.8	0.8	18	1	AAX75622	Antisense primer f
c1280	13.8	0.8	17	1	AAx69380	Human flt1 VEGF r	c1353	13.8	0.8	18	1	AAT85157	Mouse flt-1 VEGF r
c1281	13.8	0.8	17	1	AAx75071	Mouse flt-1 VEGF r	c1354	13.8	0.8	18	1	AAT85157	Vaccinia virus thym
c1282	13.8	0.8	17	1	AAx69805	Human flt1 VEGF r	c1355	13.8	0.8	18	1	AAV12805	Clonotypic IgH CDR
c1283	13.8	0.8	17	1	AAx63006	Delta-9 desaturase	c1356	13.8	0.8	18	1	AAx89560	Forward PCR primer
c1284	13.8	0.8	17	1	AAx20382	Integrin alpha 6 s	c1357	13.8	0.8	18	1	AAx06978	Secretory peptide-
c1285	13.8	0.8	17	1	AAx20383	Integrin alpha 6 s	c1358	13.8	0.8	18	1	AAx08679	Oligonucleotide de
c1286	13.8	0.8	17	1	AAx18807	Human TIE-2 substra	c1359	13.8	0.8	18	1	AAZ08292	Antisense PCR prim
c1287	13.8	0.8	17	1	AAx36380	Human genomic SNP	c1360	13.8	0.8	18	1	AAZ30195	PCR primer MK17 us
c1289	13.8	0.8	17	1	AAx46068	Human genomic SNP	c1361	13.8	0.8	18	1	AAx92513	Antisense oligonuc
c1290	13.8	0.8	17	1	AAx25445	L. delbrueckii inse	c1362	13.8	0.8	18	1	AAx27102	Antisense oligonuc
c1291	13.8	0.8	17	1	AAx25182	Oestrogen receptor	c1363	13.8	0.8	18	1	AAH62882	Heltest4 cleavage
c1292	13.8	0.8	17	1	AAx25180	Oestrogen receptor	c1364	13.8	0.8	18	1	AAx73407	Strimp white spot
c1293	13.8	0.8	17	1	AAx25446	Oestrogen receptor	c1365	13.8	0.8	18	1	AAH45239	Grand fir monoterp
c1294	13.8	0.8	17	1	AAx25181	Oestrogen receptor	c1366	13.8	0.8	18	1	AAx72460	Human fibronectin
c1295	13.8	0.8	17	1	AAx02549	Hammerhead ribozym	c1367	13.8	0.8	18	1	AAx54126	Sample orionucleo
c1296	13.8	0.8	17	1	AAx06382	Hammerhead ribozym	c1368	13.8	0.8	18	1	AAx99768	Cleavage product o
c1297	13.8	0.8	17	1	AAx06381	Hammerhead ribozym	c1369	13.8	0.8	18	1	AAx54922	DNA probe #22 for
c1298	13.8	0.8	17	1	AAx03345	Hammerhead ribozym	c1370	13.8	0.8	18	1	AAx04715	Human tumour suppr
c1299	13.8	0.8	17	1	AAx03342	Hammerhead ribozym	c1371	13.8	0.8	18	1	AAx04715	End-labeled probe
c1300	13.8	0.8	17	1	AAx05473	Hammerhead ribozym	c1372	13.8	0.8	18	1	AAx43392	Siglec-BMS, PCR pr
c1301	13.8	0.8	17	1	AAx02205	Hammerhead ribozym	c1373	13.8	0.8	18	1	AAx07689	Siglec-BMS, PCR pr
c1302	13.8	0.8	17	1	AAx02205	Hammerhead ribozym	c1374	13.8	0.8	18	1	AAx07689	Cleavage product o
c1303	13.8	0.8	17	1	AAx01375	Alzheimer's diseas	c1375	13.8	0.8	18	1	AAx06236	synthetic DNA seli
c1304	13.8	0.8	17	1	AAx01375	Human NCOG Ambery	c1376	13.8	0.8	18	1	AAx06236	FEN 1 nuclease cle
c1305	13.8	0.8	17	1	AAx02358	Human NCOG Ambery	c1377	13.8	0.8	18	1	AAx14814	Vaccinia virus TK
c1306	13.8	0.8	17	1	AAx02357	Human NCOG Ambery	c1378	13.8	0.8	18	1	AAx59706	Humanin-like prote
c1307	13.8	0.8	17	1	AAx03744	Human CD20 Ambery	c1379	13.8	0.8	18	1	AAx61062	Human humanin cDNA
c1308	13.8	0.8	17	1	AAx02367	Human NCOG Ambery	c1380	13.8	0.8	18	1	AAx35343	ADCS35343
c1309	13.8	0.8	17	1	AAx16642	Human GRID NCH rib	c1381	13.8	0.8	18	1	AAx35343	Vaccinia virus thym
c1310	13.8	0.8	17	1	AAx16643	Human GRID NCH rib	c1382	13.8	0.8	18	1	AAx35343	Beer spoilage-asso
c1311	13.8	0.8	17	1	AAx16643	Human GRID NCH rib	c1383	13.8	0.8	18	1	AAx32456	Human OR1G1 gene p
c1312	13.8	0.8	17	1	AAx16643	Human GRID NCH rib	c1384	13.8	0.8	18	1	AAx87920	Human GSR allele s
c1313	13.8	0.8	17	1	AAx16643	Human GRID NCH rib	c1385	13.8	0.8	18	1	AAx92606	ASO primer #4 to d
c1314	13.8	0.8	17	1	AAx09333	Human GRID G-cleav	c1386	13.8	0.8	18	1	AAx25688	Human GSD4 gene po
c1315	13.8	0.8	17	1	AAx09333	Human GRID G-cleav	c1387	13.8	0.8	18	1	AAx36927	HIV-1 proviral DNA
c1316	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1388	13.8	0.8	18	1	AAx86603	Oligonucleotide se
c1317	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1389	13.8	0.8	18	1	AAx11718	Human MIF gene D5k
c1318	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1390	13.8	0.8	18	1	AAx46740	IGFBP3 oligonucleo
c1319	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1391	13.8	0.8	18	1	AAx49276	IGFBP3 oligonucleo
c1320	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1392	13.8	0.8	18	1	AAx45532	IGFBP3 oligonucleo
c1321	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1393	13.8	0.8	18	1	AAx46883	IGFBP2 oligonucleo
c1322	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1394	13.8	0.8	18	1	AAx46741	IGFBP3 oligonucleo
c1323	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1395	13.8	0.8	18	1	AAx46738	IGFBP3 oligonucleo
c1324	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1396	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1325	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1397	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1326	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1398	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1327	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1399	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1328	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1400	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1329	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1401	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1330	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1402	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1331	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1403	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1332	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1404	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1333	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1405	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1334	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1406	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1335	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1407	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1336	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1408	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1337	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1409	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1338	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1410	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1339	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1411	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1340	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1412	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1341	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1413	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1342	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1414	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1343	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1415	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1344	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1416	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1345	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1417	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1346	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1418	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1347	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1419	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo
c1348	13.8	0.8	17	1	AAx07887	Human GDMUP-1 17-m	c1420	13.8	0.8	18	1	AAx46739	IGFBP3 oligonucleo

c1129	15	0.9	17	1	ADB04274	Human MD27 scanlin	1202	14.4	0.8	19	1	AAC69249	Human ABC1 gene ex
c1130	15	0.9	17	1	ADC84469	PCR primer for amp	c1203	14.4	0.8	19	1	AAZ94997	Oligonucleotide KC
c1131	15	0.9	17	1	ADC84468	PCR primer for amp	1204	14.4	0.8	19	1	AAAB4353	Cyclin D2 ribozyme
c1132	15	0.9	17	1	ADE77745	DNA oligo (Seqid 5	1205	14.4	0.8	19	1	AAH59515	Cyclin D2 ribozyme
c1133	15	0.9	18	1	AAV54175	Nucleotide sequenc	1206	14.4	0.8	19	1	ABX94535	23S/16S rRNA detec
c1134	15	0.9	18	1	AAV54173	Nucleotide sequenc	1207	14.4	0.8	20	1	ACC82908	Human TRIP6 antise
c1135	15	0.9	18	1	AAV54166	Nucleotide sequenc	c1208	14.2	0.8	15	1	AAA47676	Human TRIP6 antise
c1136	15	0.9	18	1	AAV53391	Hiv-1 gag protein	1209	14.2	0.8	15	1	AAAD4450	Oligo d(T) primer
c1137	15	0.9	18	1	AAZ90649	Human adipose tiss	c1210	14.2	0.8	16	1	AAH18387	Oligo d(T) PCR prime
c1138	15	0.9	18	1	AAZ90648	Human adipose tiss	c1211	14.2	0.8	16	1	AAH82119	RT-PCR primer of t
c1139	15	0.9	18	1	AAZ90648	Human adipose tiss	c1212	14.2	0.8	16	1	AAH27758	Human TSA7005 gene
c1140	15	0.9	18	1	AAZ90651	Human adipose tiss	c1213	14.2	0.8	16	1	AAH27758	Primer used in hum
c1141	15	0.9	18	1	AAAS8385	Human adipose tiss	c1214	14	0.8	14	1	AAH33508	Sequence of micros
c1142	15	0.9	18	1	AAAS8386	Human adipose tiss	c1215	14	0.8	14	1	AAH91861	3' primer for Dub-
c1143	15	0.9	20	1	AAAT6025	Polynucleotide # 1	c1216	14	0.8	14	1	AAV09227	3' poly(T) primer
c1144	15	0.9	20	1	AAZ01703	Polynucleotide # 2	c1217	14	0.8	14	1	AAV12219	Poly(T) oligonucle
c1145	15	0.9	20	1	AAAD3602	Oligonucleotide ba	c1218	14	0.8	14	1	AAH02698	Barley HPPD primer
c1146	15	0.9	20	1	AAAD3602	PCR primer used to	c1219	14	0.8	14	1	AAH14688	Triple helix third
c1147	15	0.9	20	1	AAAD3602	Human Her-1 antise	c1220	14	0.8	14	1	AAH14688	Triple helix third
c1148	15	0.9	20	1	ABZ87313	HT15-C downstream	c1221	14	0.8	14	1	AAH14688	Triple helix third
c1149	15	0.9	20	1	ABZ87313	Human oligonucleot	c1222	14	0.8	14	1	AAH14688	Triple helix third
c1150	15	0.9	20	1	ABZ87313	Human oligonucleot	c1223	14	0.8	14	1	AAH14688	Triple helix third
c1151	15	0.9	20	1	ABZ87313	Human oligonucleot	c1224	14	0.8	14	1	AAH14688	Triple helix third
c1152	15	0.9	20	1	ABZ87313	Human oligonucleot	c1225	14	0.8	14	1	AAH14688	Triple helix third
c1153	15	0.9	20	1	ABZ87313	Human oligonucleot	c1226	14	0.8	14	1	AAH14688	Triple helix third
c1154	15	0.9	20	1	ABZ87313	Human oligonucleot	c1227	14	0.8	14	1	AAH14688	Triple helix third
c1155	15	0.9	20	1	ABZ87313	Human oligonucleot	c1228	14	0.8	14	1	AAH14688	Triple helix third
c1156	15	0.9	20	1	ABZ87313	Human oligonucleot	c1229	14	0.8	14	1	AAH14688	Triple helix third
c1157	15	0.9	20	1	ABZ87313	Human oligonucleot	c1230	14	0.8	14	1	AAH14688	Triple helix third
c1158	15	0.9	20	1	ABZ87313	Human oligonucleot	c1231	14	0.8	14	1	AAH14688	Triple helix third
c1159	15	0.9	20	1	ABZ87313	Human oligonucleot	c1232	14	0.8	14	1	AAH14688	Triple helix third
c1160	15	0.9	20	1	ABZ87313	Human oligonucleot	c1233	14	0.8	14	1	AAH14688	Triple helix third
c1161	15	0.9	20	1	ABZ87313	Human oligonucleot	c1234	14	0.8	14	1	AAH14688	Triple helix third
c1162	15	0.9	20	1	ABZ87313	Human oligonucleot	c1235	14	0.8	14	1	AAH14688	Triple helix third
c1163	15	0.9	20	1	ABZ87313	Human oligonucleot	c1236	14	0.8	14	1	AAH14688	Triple helix third
c1164	15	0.9	20	1	ABZ87313	Human oligonucleot	c1237	14	0.8	14	1	AAH14688	Triple helix third
c1165	15	0.9	20	1	ABZ87313	Human oligonucleot	c1238	14	0.8	14	1	AAH14688	Triple helix third
c1166	15	0.9	20	1	ABZ87313	Human oligonucleot	c1239	14	0.8	14	1	AAH14688	Triple helix third
c1167	15	0.9	20	1	ABZ87313	Human oligonucleot	c1240	14	0.8	14	1	AAH14688	Triple helix third
c1168	15	0.9	20	1	ABZ87313	Human oligonucleot	c1241	14	0.8	14	1	AAH14688	Triple helix third
c1169	15	0.9	20	1	ABZ87313	Human oligonucleot	c1242	14	0.8	14	1	AAH14688	Triple helix third
c1170	15	0.9	20	1	ABZ87313	Human oligonucleot	c1243	14	0.8	14	1	AAH14688	Triple helix third
c1171	15	0.9	20	1	ABZ87313	Human oligonucleot	c1244	14	0.8	14	1	AAH14688	Triple helix third
c1172	15	0.9	20	1	ABZ87313	Human oligonucleot	c1245	14	0.8	14	1	AAH14688	Triple helix third
c1173	15	0.9	20	1	ABZ87313	Human oligonucleot	c1246	14	0.8	14	1	AAH14688	Triple helix third
c1174	15	0.9	20	1	ABZ87313	Human oligonucleot	c1247	14	0.8	14	1	AAH14688	Triple helix third
c1175	15	0.9	20	1	ABZ87313	Human oligonucleot	c1248	14	0.8	14	1	AAH14688	Triple helix third
c1176	15	0.9	20	1	ABZ87313	Human oligonucleot	c1249	14	0.8	14	1	AAH14688	Triple helix third
c1177	15	0.9	20	1	ABZ87313	Human oligonucleot	c1250	14	0.8	14	1	AAH14688	Triple helix third
c1178	15	0.9	20	1	ABZ87313	Human oligonucleot	c1251	14	0.8	14	1	AAH14688	Triple helix third
c1179	15	0.9	20	1	ABZ87313	Human oligonucleot	c1252	14	0.8	14	1	AAH14688	Triple helix third
c1180	15	0.9	20	1	ABZ87313	Human oligonucleot	c1253	14	0.8	14	1	AAH14688	Triple helix third
c1181	15	0.9	20	1	ABZ87313	Human oligonucleot	c1254	14	0.8	14	1	AAH14688	Triple helix third
c1182	15	0.9	20	1	ABZ87313	Human oligonucleot	c1255	14	0.8	14	1	AAH14688	Triple helix third
c1183	15	0.9	20	1	ABZ87313	Human oligonucleot	c1256	14	0.8	14	1	AAH14688	Triple helix third
c1184	15	0.9	20	1	ABZ87313	Human oligonucleot	c1257	14	0.8	14	1	AAH14688	Triple helix third
c1185	15	0.9	20	1	ABZ87313	Human oligonucleot	c1258	14	0.8	14	1	AAH14688	Triple helix third
c1186	15	0.9	20	1	ABZ87313	Human oligonucleot	c1259	14	0.8	14	1	AAH14688	Triple helix third
c1187	15	0.9	20	1	ABZ87313	Human oligonucleot	c1260	14	0.8	14	1	AAH14688	Triple helix third
c1188	15	0.9	20	1	ABZ87313	Human oligonucleot	c1261	14	0.8	14	1	AAH14688	Triple helix third
c1189	15	0.9	20	1	ABZ87313	Human oligonucleot	c1262	14	0.8	14	1	AAH14688	Triple helix third
c1190	15	0.9	20	1	ABZ87313	Human oligonucleot	c1263	14	0.8	14	1	AAH14688	Triple helix third
c1191	15	0.9	20	1	ABZ87313	Human oligonucleot	c1264	14	0.8	14	1	AAH14688	Triple helix third
c1192	15	0.9	20	1	ABZ87313	Human oligonucleot	c1265	14	0.8	14	1	AAH14688	Triple helix third
c1193	15	0.9	20	1	ABZ87313	Human oligonucleot	c1266	14	0.8	14	1	AAH14688	Triple helix third
c1194	15	0.9	20	1	ABZ87313	Human oligonucleot	c1267	14	0.8	14	1	AAH14688	Triple helix third
c1195	15	0.9	20	1	ABZ87313	Human oligonucleot	c1268	14	0.8	14	1	AAH14688	Triple helix third
c1196	15	0.9	20	1	ABZ87313	Human oligonucleot	c1269	14	0.8	14	1	AAH14688	Triple helix third
c1197	15	0.9	20	1	ABZ87313	Human oligonucleot	c1270	14	0.8	14	1	AAH14688	Triple helix third
c1198	15	0.9	20	1	ABZ87313	Human oligonucleot	c1271	14	0.8	14	1	AAH14688	Triple helix third
c1199	15	0.9	20	1	ABZ87313	Human oligonucleot	c1272	14	0.8	14	1	AAH14688	Triple helix third
c1200	15	0.9	20	1	ABZ87313	Human oligonucleot	c1273	14	0.8	14	1	AAH14688	Triple helix third
c1201	15	0.9	20	1	ABZ87313	Human oligonucleot	c1274	14	0.8	14	1	AAH14688	Triple helix third

983	15.2	0.9	20	1	ABK50429	Acromonium chrysos	c1056	15	0.9	15	1	AB157064	Hydrazide precursor
984	15.2	0.9	20	1	ABA91537	DNA oligonucleotide	c1057	15	0.9	15	1	AB157054	Hydrazide phosphor
c 985	15.2	0.9	20	1	AA141013	Anti-CD4 monoclon	c1058	15	0.9	15	1	AB157063	Hydrazide precursor
986	15.2	0.9	20	1	ABK57915	Human casein kinas	c1059	15	0.9	15	1	AB157066	Amino-C6-modified
c 987	15.2	0.9	20	1	AA145130	Oligonucleotide sy	c1060	15	0.9	15	1	AB157059	Hydrazide precursor
c 988	15.2	0.9	20	1	AA133542	PCR primer #4 used	c1061	15	0.9	15	1	AB157061	Hydrazide precursor
c 989	15.2	0.9	20	1	ABK289466	Human oligonucleot	c1062	15	0.9	15	1	AB157056	Hydrazide phosphor
990	15.2	0.9	20	1	ABK290374	Human oligonucleot	c1063	15	0.9	15	1	AB157060	Hydrazide precursor
991	15.2	0.9	20	1	ABK289084	Human oligonucleot	c1064	15	0.9	15	1	ABK98141	Triple helix form
992	15.2	0.9	20	1	ABK285668	Human oligonucleot	c1065	15	0.9	15	1	ABK98184	Oligonucleotide SE
c 993	15.2	0.9	20	1	ABK285670	Human oligonucleot	c1066	15	0.9	15	1	ABK37501	5' End of cDNA 11b
c 994	15.2	0.9	20	1	ABK289131	Human oligonucleot	c1067	15	0.9	15	1	ABK74142	Oligonucleotide us
c 995	15.2	0.9	20	1	ABK288781	Human oligonucleot	c1068	15	0.9	15	1	ABK74141	Oligonucleotide T1
c 996	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1069	15	0.9	15	1	ABK75865	Halpin target seq
c 997	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1070	15	0.9	15	1	ADK18592	Single-base mismat
998	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1071	15	0.9	15	1	ADK18592	RT-PCR primer of t
999	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1072	15	0.9	15	1	ADK18592	RT-PCR primer of t
1000	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1073	15	0.9	15	1	ADK18592	Molecular beacon t
1001	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1074	15	0.9	15	1	ADK18592	Target oligonucleo
1002	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1075	15	0.9	15	1	ADK18592	PNA-HYENA hybrid
1003	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1076	15	0.9	15	1	ADK18592	Rat ICM hammerhea
1004	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1077	15	0.9	15	1	ADK18592	Human fil1 VEGF re
1005	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1078	15	0.9	15	1	ADK18592	Human EGF-R target
c1006	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1079	15	0.9	15	1	ADK18592	Primer of the spec
c1007	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1080	15	0.9	15	1	ADK18592	Human eosinophil c
c1008	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1081	15	0.9	15	1	ADK18592	PCR primer G15A u
c1009	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1082	15	0.9	15	1	ADK18592	PCR primer G15C u
c1010	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1083	15	0.9	15	1	ADK18592	Human Iga nephropa
c1011	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1084	15	0.9	15	1	ADK18592	Human Iga nephropa
c1012	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1085	15	0.9	15	1	ADK18592	Human Iga nephropa
c1013	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1086	15	0.9	15	1	ADK18592	Human Iga nephropa
c1014	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1087	15	0.9	15	1	ADK18592	Human Iga nephropa
c1015	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1088	15	0.9	15	1	ADK18592	Human Iga nephropa
c1016	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1089	15	0.9	15	1	ADK18592	Human Iga nephropa
c1017	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1090	15	0.9	15	1	ADK18592	Human Iga nephropa
c1018	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1091	15	0.9	15	1	ADK18592	Human Iga nephropa
c1019	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1092	15	0.9	15	1	ADK18592	Human Iga nephropa
c1020	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1093	15	0.9	15	1	ADK18592	Human Iga nephropa
c1021	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1094	15	0.9	15	1	ADK18592	Human Iga nephropa
c1022	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1095	15	0.9	15	1	ADK18592	Human Iga nephropa
c1023	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1096	15	0.9	15	1	ADK18592	Human Iga nephropa
c1024	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1097	15	0.9	15	1	ADK18592	Human Iga nephropa
c1025	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1098	15	0.9	15	1	ADK18592	Human Iga nephropa
c1026	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1099	15	0.9	15	1	ADK18592	Human Iga nephropa
c1027	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1100	15	0.9	15	1	ADK18592	Human Iga nephropa
c1028	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1101	15	0.9	15	1	ADK18592	Human Iga nephropa
c1029	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1102	15	0.9	15	1	ADK18592	Human Iga nephropa
c1030	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1103	15	0.9	15	1	ADK18592	Human Iga nephropa
c1031	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1104	15	0.9	15	1	ADK18592	Human Iga nephropa
c1032	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1105	15	0.9	15	1	ADK18592	Human Iga nephropa
c1033	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1106	15	0.9	15	1	ADK18592	Human Iga nephropa
c1034	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1107	15	0.9	15	1	ADK18592	Human Iga nephropa
c1035	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1108	15	0.9	15	1	ADK18592	Human Iga nephropa
c1036	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1109	15	0.9	15	1	ADK18592	Human Iga nephropa
c1037	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1110	15	0.9	15	1	ADK18592	Human Iga nephropa
c1038	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1111	15	0.9	15	1	ADK18592	Human Iga nephropa
c1039	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1112	15	0.9	15	1	ADK18592	Human Iga nephropa
c1040	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1113	15	0.9	15	1	ADK18592	Human Iga nephropa
c1041	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1114	15	0.9	15	1	ADK18592	Human Iga nephropa
c1042	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1115	15	0.9	15	1	ADK18592	Human Iga nephropa
c1043	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1116	15	0.9	15	1	ADK18592	Human Iga nephropa
c1044	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1117	15	0.9	15	1	ADK18592	Human Iga nephropa
c1045	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1118	15	0.9	15	1	ADK18592	Human Iga nephropa
c1046	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1119	15	0.9	15	1	ADK18592	Human Iga nephropa
c1047	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1120	15	0.9	15	1	ADK18592	Human Iga nephropa
c1048	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1121	15	0.9	15	1	ADK18592	Human Iga nephropa
c1049	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1122	15	0.9	15	1	ADK18592	Human Iga nephropa
c1050	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1123	15	0.9	15	1	ADK18592	Human Iga nephropa
c1051	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1124	15	0.9	15	1	ADK18592	Human Iga nephropa
c1052	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1125	15	0.9	15	1	ADK18592	Human Iga nephropa
c1053	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1126	15	0.9	15	1	ADK18592	Human Iga nephropa
c1054	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1127	15	0.9	15	1	ADK18592	Human Iga nephropa
c1055	15.2	0.9	20	1	ABK289925	Human oligonucleot	c1128	15	0.9	15	1	ADK18592	Human Iga nephropa

C 837	16.2	0.9	18	1	AAV18389	RT-PCR primer of t
C 838	16.2	0.9	21	1	ADB74186	junc gene antisens
C 839	16.2	0.9	21	1	AAV18389	Rice transposon ge
C 840	16	0.9	16	1	AAV18389	RT-PCR primer of t
C 841	16	0.9	16	1	AAV18389	Homo sapiens fetal
C 842	16	0.9	16	1	AAV18389	DNA chip primer #4
C 843	16	0.9	16	1	AAV18389	Oligonucleotide #5
C 844	16	0.9	16	1	AAV18389	Oligonucleotide-mu
C 845	16	0.9	16	1	AAV18389	Oligonucleotide po
C 846	16	0.9	16	1	AAV18389	Oligonucleotide us
C 847	16	0.9	16	1	AAV18389	Nucleotide sequenc
C 848	16	0.9	16	1	AAV18389	2'/F-ANA antisense
C 849	16	0.9	16	1	AAV18389	Oligo-homodeoxyrib
C 850	16	0.9	16	1	AAV18389	DNA hybridisation
C 851	16	0.9	17	1	AAV18389	Human flt1 VEGF re
C 852	16	0.9	17	1	AAV18389	Human flt1 VEGF re
C 853	16	0.9	17	1	AAV18389	PCR primer GT15G u
C 854	16	0.9	17	1	AAV18389	Murine gene anchor
C 855	16	0.9	17	1	AAV18389	Human IGA nephropa
C 856	16	0.9	17	1	AAV18389	Anchored oligo (dT)
C 857	16	0.9	17	1	AAV18389	Oestrogen receptor
C 858	16	0.9	17	1	AAV18389	Oestrogen receptor
C 859	16	0.9	17	1	AAV18389	PCR anchor primer,
C 860	16	0.9	17	1	AAV18389	PCR anchor primer,
C 861	16	0.9	17	1	AAV18389	PCR anchor primer,
C 862	16	0.9	17	1	AAV18389	PCR anchor primer,
C 863	16	0.9	17	1	AAV18389	PCR anchor primer,
C 864	16	0.9	17	1	AAV18389	PCR anchor primer,
C 865	16	0.9	17	1	AAV18389	PCR anchor primer,
C 866	16	0.9	17	1	AAV18389	PCR anchor primer,
C 867	16	0.9	17	1	AAV18389	PCR anchor primer,
C 868	16	0.9	17	1	AAV18389	PCR anchor primer,
C 869	16	0.9	17	1	AAV18389	PCR anchor primer,
C 870	16	0.9	17	1	AAV18389	PCR anchor primer,
C 871	16	0.9	17	1	AAV18389	PCR anchor primer,
C 872	16	0.9	17	1	AAV18389	PCR anchor primer,
C 873	16	0.9	17	1	AAV18389	PCR anchor primer,
C 874	16	0.9	17	1	AAV18389	PCR anchor primer,
C 875	16	0.9	17	1	AAV18389	PCR anchor primer,
C 876	16	0.9	17	1	AAV18389	PCR anchor primer,
C 877	16	0.9	17	1	AAV18389	PCR anchor primer,
C 878	16	0.9	17	1	AAV18389	PCR anchor primer,
C 879	16	0.9	17	1	AAV18389	PCR anchor primer,
C 880	16	0.9	17	1	AAV18389	PCR anchor primer,
C 881	16	0.9	17	1	AAV18389	PCR anchor primer,
C 882	16	0.9	17	1	AAV18389	PCR anchor primer,
C 883	16	0.9	17	1	AAV18389	PCR anchor primer,
C 884	16	0.9	17	1	AAV18389	PCR anchor primer,
C 885	16	0.9	17	1	AAV18389	PCR anchor primer,
C 886	16	0.9	17	1	AAV18389	PCR anchor primer,
C 887	16	0.9	17	1	AAV18389	PCR anchor primer,
C 888	16	0.9	17	1	AAV18389	PCR anchor primer,
C 889	16	0.9	17	1	AAV18389	PCR anchor primer,
C 890	16	0.9	17	1	AAV18389	PCR anchor primer,
C 891	16	0.9	17	1	AAV18389	PCR anchor primer,
C 892	16	0.9	17	1	AAV18389	PCR anchor primer,
C 893	16	0.9	17	1	AAV18389	PCR anchor primer,
C 894	16	0.9	17	1	AAV18389	PCR anchor primer,
C 895	16	0.9	17	1	AAV18389	PCR anchor primer,
C 896	16	0.9	17	1	AAV18389	PCR anchor primer,
C 897	16	0.9	17	1	AAV18389	PCR anchor primer,
C 898	16	0.9	17	1	AAV18389	PCR anchor primer,
C 899	16	0.9	17	1	AAV18389	PCR anchor primer,
C 900	16	0.9	17	1	AAV18389	PCR anchor primer,
C 901	16	0.9	17	1	AAV18389	PCR anchor primer,
C 902	16	0.9	17	1	AAV18389	PCR anchor primer,
C 903	16	0.9	17	1	AAV18389	PCR anchor primer,
C 904	16	0.9	17	1	AAV18389	PCR anchor primer,
C 905	16	0.9	17	1	AAV18389	PCR anchor primer,
C 906	16	0.9	17	1	AAV18389	PCR anchor primer,
C 907	16	0.9	17	1	AAV18389	PCR anchor primer,
C 908	16	0.9	17	1	AAV18389	PCR anchor primer,
C 909	16	0.9	17	1	AAV18389	PCR anchor primer,

C 691	17.4	1.0	21	1	AAO75715	Reverse transcript
C 692	17.4	1.0	21	1	AAO75686	Reverse transcript
C 693	17.4	1.0	21	1	AAO75703	Reverse transcript
C 694	17.4	1.0	21	1	AAO75706	Reverse transcript
C 695	17.4	1.0	21	1	AAO75717	Reverse transcript
C 696	17.4	1.0	21	1	AAO75731	Reverse transcript
C 697	17.4	1.0	21	1	AAO75782	Reverse transcript
C 698	17.4	1.0	21	1	AAO75707	Reverse transcript
C 699	17.4	1.0	21	1	AAO75750	Reverse transcript
C 700	17.4	1.0	21	1	AAO75749	Reverse transcript
C 701	17.4	1.0	21	1	AAO75709	Reverse transcript
C 702	17.4	1.0	21	1	AAO75720	Reverse transcript
C 703	17.4	1.0	23	1	ABO96219	Tumour suppression
C 704	17.2	1.0	19	1	AAO94431	Template mRNA poly
C 705	17.2	1.0	19	1	AAO18390	RT-PCR primer of t
C 706	17.2	1.0	22	1	AAO61998	Guanine quartet co
C 707	17.2	1.0	22	1	AAO61991	Guanine quartet co
C 708	17.2	1.0	22	1	AAO61895	HSV replication in
C 709	17.2	1.0	22	1	AAO61903	HSV replication in
C 710	17.2	1.0	22	1	AAO79887	Peptide nucleic ac
C 711	17.2	1.0	22	1	AAO98936	Immunostimulatory
C 712	17.2	1.0	22	1	ABO75757	Angiogenesis inhib
C 713	17.2	1.0	22	1	ACD93369	Immunostimulatory
C 714	17.2	1.0	22	1	ADB36438	Immunostimulatory
C 715	17.2	1.0	22	1	AAO25450	Oestrogen receptor
C 716	17.2	1.0	17	1	AAO25451	Oestrogen receptor
C 717	17.2	1.0	17	1	AAO25453	Oestrogen receptor
C 718	17.2	1.0	17	1	AAO25452	Oestrogen receptor
C 719	17.2	1.0	17	1	AAA98232	Human retrovirus H
C 720	17.2	1.0	17	1	AAA50197	2'-Methoxyethoxy-m
C 721	17.2	1.0	17	1	ABT34613	Tumour suppression
C 722	17.2	1.0	17	1	ADB04272	Human MD27 scamin
C 723	17.2	1.0	17	1	ADB56441	Antisense oligo #2
C 724	17.2	1.0	17	1	ADB56449	2'-F-ANA antisense
C 725	17.2	1.0	17	1	ADB56449	2'-F-ANA antisense
C 726	17.2	1.0	17	1	ADB56447	2'-F-ANA antisense
C 727	17.2	1.0	17	1	ADB56447	2'-F-ANA antisense
C 728	17.2	1.0	17	1	ADB41972	Tumour suppression
C 729	17.2	1.0	17	1	AAO30173	Sequence derived f
C 730	17.2	1.0	18	1	AAO94667	Anchored poly (T) o
C 731	17.2	1.0	18	1	AAO94668	Anchored poly (T) o
C 732	17.2	1.0	18	1	AAV54168	Nucleotide sequenc
C 733	17.2	1.0	18	1	AAV37712	Human protein A02-
C 734	17.2	1.0	18	1	AAO77750	Phosphorothioate o
C 735	17.2	1.0	18	1	AAO40563	Human adult ovary
C 736	17.2	1.0	18	1	AAO90644	Human adipose tiss
C 737	17.2	1.0	18	1	AAO75596	Binary encoded seg
C 738	17.2	1.0	18	1	AAO20091	mRNA fragment used
C 739	17.2	1.0	19	1	AAO75558	Reverse transcript
C 740	17.2	1.0	19	1	AAO75556	Reverse transcript
C 741	17.2	1.0	19	1	AAO75554	Reverse transcript
C 742	17.2	1.0	19	1	AAO75540	Telomerase Oligo-d
C 743	17.2	1.0	20	1	AAO75598	Reverse transcript
C 744	17.2	1.0	20	1	AAO75605	Reverse transcript
C 745	17.2	1.0	20	1	AAO75596	Reverse transcript
C 746	17.2	1.0	20	1	AAO75589	Reverse transcript
C 747	17.2	1.0	20	1	AAO75597	Reverse transcript
C 748	17.2	1.0	20	1	AAO75604	Reverse transcript
C 749	17.2	1.0	20	1	AAO75588	Reverse transcript
C 750	17.2	1.0	20	1	AAO75590	Reverse transcript
C 751	17.2	1.0	20	1	AAO75595	Reverse transcript
C 752	17.2	1.0	20	1	AAO75606	Reverse transcript
C 753	17.2	1.0	20	1	AAO75603	Reverse transcript
C 754	17.2	1.0	20	1	AAO75587	Reverse transcript
C 755	17.2	1.0	20	1	ABO79871	Nucleotide sequenc
C 756	17.2	1.0	20	1	ABO79871	Human oligonucleot
C 757	17.2	1.0	20	1	ABO79871	Human oligonucleot
C 758	17.2	1.0	20	1	ABO79871	Human oligonucleot
C 759	17.2	1.0	20	1	ABO79871	Human oligonucleot
C 760	17.2	1.0	21	1	AAO75702	Reverse transcript
C 761	17.2	1.0	21	1	AAO75752	Reverse transcript
C 762	17.2	1.0	21	1	AAO75762	Reverse transcript
C 763	17.2	1.0	21	1	AAO75795	Reverse transcript
C 764	17.2	1.0	21	1	AAO75798	Reverse transcript
C 765	17.2	1.0	21	1	AAO75687	Reverse transcript
C 766	17.2	1.0	21	1	AAO75693	Reverse transcript
C 767	17.2	1.0	21	1	AAO75787	Reverse transcript
C 768	17.2	1.0	21	1	AAO75793	Reverse transcript
C 769	17.2	1.0	21	1	AAO75794	Reverse transcript
C 770	17.2	1.0	21	1	AAO75690	Reverse transcript
C 771	17.2	1.0	21	1	AAO75763	Reverse transcript
C 772	17.2	1.0	21	1	AAO75688	Reverse transcript
C 773	17.2	1.0	21	1	AAO75700	Reverse transcript
C 774	17.2	1.0	21	1	AAO75786	Reverse transcript
C 775	17.2	1.0	21	1	AAO75764	Reverse transcript
C 776	17.2	1.0	21	1	AAO75796	Reverse transcript
C 777	17.2	1.0	21	1	AAO75797	Reverse transcript
C 778	17.2	1.0	21	1	AAO75757	Reverse transcript
C 779	17.2	1.0	21	1	AAO75790	Reverse transcript
C 780	17.2	1.0	21	1	AAO75697	Reverse transcript
C 781	17.2	1.0	21	1	AAO75784	Reverse transcript
C 782	17.2	1.0	21	1	AAO75698	Reverse transcript
C 783	17.2	1.0	21	1	AAO75699	Reverse transcript
C 784	17.2	1.0	21	1	AAO75751	Reverse transcript
C 785	17.2	1.0	21	1	AAO75691	Reverse transcript
C 786	17.2	1.0	21	1	AAO75794	Reverse transcript
C 787	17.2	1.0	21	1	AAO75755	Reverse transcript
C 788	17.2	1.0	21	1	AAO75761	Reverse transcript
C 789	17.2	1.0	21	1	AAO75765	Reverse transcript
C 790	17.2	1.0	21	1	AAO75789	Reverse transcript
C 791	17.2	1.0	21	1	AAO75701	Reverse transcript
C 792	17.2	1.0	21	1	AAO75766	Reverse transcript
C 793	17.2	1.0	21	1	AAO75783	Reverse transcript
C 794	17.2	1.0	22	1	AAO98276	Human mismatch rep
C 795	16.8	1.0	20	1	AAO73379	Anti-HSV-1 G4 olig
C 796	16.8	1.0	20	1	AAO61999	Guanine quartet co
C 797	16.8	1.0	20	1	AAO61896	HSV replication in
C 798	16.8	1.0	20	1	AAO61995	Guanine quartet co
C 799	16.8	1.0	20	1	AAO61994	HSV replication in
C 800	16.8	1.0	20	1	AAO61982	Peptide nucleic ac
C 801	16.8	1.0	20	1	AAO209195	Oligonucleotide 7
C 802	16.8	1.0	20	1	AAO91207	Antisense IGF1R-5
C 803	16.8	1.0	20	1	AAO72967	Human dact inhibi
C 804	16.8	1.0	20	1	AAO50573	Polypyrimidine Crt
C 805	16.8	1.0	20	1	ABO289676	Human oligonucleot
C 806	16.8	1.0	20	1	ABO285436	Human oligonucleot
C 807	16.8	1.0	20	1	ABO282865	Human oligonucleot
C 808	16.8	1.0	20	1	ABO285668	Human oligonucleot
C 809	16.8	1.0	20	1	ABO286569	Human oligonucleot
C 810	16.8	1.0	20	1	ABO288813	Human oligonucleot
C 811	16.8	1.0	20	1	ABO285535	Human oligonucleot
C 812	16.8	1.0	20	1	ABO289014	Human oligonucleot
C 813	16.8	1.0	21	1	ABO97317	Human gene single
C 814	16.8	1.0	21	1	ABO97317	Aryl hydrocarbon r
C 815	16.8	1.0	21	1	ADDO5293	Primer of the inve
C 816	16.8	1.0	22	1	ADDO5286	Primer of the inve
C 817	16.4	0.9	18	1	AAO18373	RT-PCR primer of t
C 818	16.4	0.9	18	1	AAO18373	RT-PCR primer of t
C 819	16.4	0.9	18	1	ABO13935	5'-PCR primer used
C 820	16.4	0.9	18	1	ABO13935	Nucleotide sequenc
C 821	16.4	0.9	18	1	ABO13935	Nucleotide sequenc
C 822	16.4	0.9	19	1	ADBO2811	Mitogen activated
C 823	16.4	0.9	19	1	ADBO2811	Mitogen activated
C 824	16.4	0.9	20	1	AAO12302	Ribonucleotide red
C 825	16.4	0.9	20	1	AAO99839	PCR primer used to
C 826	16.4	0.9	20	1	AAO99839	Synthetic oligonuc
C 827	16.4	0.9	20	1	ABO5916	Hepatitis B virus
C 828	16.4	0.9	20	1	ABO28617	Human oligonucleot
C 829	16.4	0.9	20	1	ABO291658	Human oligonucleot
C 830	16.4	0.9	20	1	ABO291658	Human oligonucleot
C 831	16.4	0.9	20	1	ABO291658	Human oligonucleot
C 832	16.4	0.9	21	1	AAO41813	Baculovirus C2 com
C 833	16.4	0.9	21	1	AAO265142	Human polymorphic
C 834	16.4	0.9	21	1	AAO26500	Human polymorphic
C 835	16.4	0.9	21	1	AAO26141	Human polymorphic
C 836	16.4	0.9	21	1	AAO60267	PCR primer used to

C 399	19	1.1	20	1	AA510447	Human stem cell fa
C 400	19	1.1	20	1	AAD35464	Rat SCF 5', CDNA am
C 401	19	1.1	20	1	AB573848	SCF universal olig
C 402	19	1.1	20	1	AB288880	Human oligonucleot
C 403	19	1.1	20	1	AB288179	Human oligonucleot
C 404	19	1.1	20	1	AB299050	Human PBE4C oligon
C 405	19	1.1	20	1	AB289678	Human oligonucleot
C 406	19	1.1	20	1	AB287681	Human oligonucleot
C 407	19	1.1	20	1	AB289677	Human oligonucleot
C 408	19	1.1	20	1	AD552460	Stem cell factor (
C 409	19	1.1	21	1	AAQ75651	Reverse transcript
C 410	19	1.1	21	1	AAQ75639	Reverse transcript
C 411	19	1.1	21	1	AAQ75650	Reverse transcript
C 412	19	1.1	21	1	AAQ75642	Reverse transcript
C 413	19	1.1	21	1	AAQ75649	Reverse transcript
C 414	19	1.1	21	1	AAQ75653	Reverse transcript
C 415	19	1.1	21	1	AAQ75654	Reverse transcript
C 416	19	1.1	22	1	ABA93238	Reverse transcript
C 417	19	1.1	23	1	AAQ75028	Polya adaptor olig
C 418	19	1.1	23	1	AAQ75029	LCR oligo 2. Synt
C 419	19	1.1	24	1	AAH43079	LCR oligo 3. Synt
C 420	19	1.1	24	1	ABO79878	Nucleotide sequenc
C 421	19	1.1	24	1	ADQ75073	Nucleotide related
C 422	19	1.1	25	1	AAI62055	Soybean 318013 reg
C 423	18.8	1.1	25	1	AAQ73254	Human macro protei
C 424	18.8	1.1	25	1	AAQ73256	HLA DPA1 gene PCR
C 425	18.4	1.0	20	1	AAQ75584	Reverse transcript
C 426	18.4	1.0	20	1	AAQ75585	Reverse transcript
C 427	18.4	1.0	20	1	AAQ75572	Reverse transcript
C 428	18.4	1.0	20	1	AAQ75560	Reverse transcript
C 429	18.4	1.0	20	1	AAQ75577	Reverse transcript
C 430	18.4	1.0	20	1	AAQ75593	Reverse transcript
C 431	18.4	1.0	20	1	AAQ75561	Reverse transcript
C 432	18.4	1.0	20	1	AAQ75560	Reverse transcript
C 433	18.4	1.0	20	1	AAQ75564	Reverse transcript
C 434	18.4	1.0	20	1	AAQ75600	Reverse transcript
C 435	18.4	1.0	20	1	AAQ75583	Reverse transcript
C 436	18.4	1.0	20	1	AAQ75580	Reverse transcript
C 437	18.4	1.0	20	1	AAQ75599	Reverse transcript
C 438	18.4	1.0	20	1	AAQ75916	Mammalian stem cel
C 439	18.4	1.0	20	1	AAQ74918	Mammalian stem cel
C 440	18.4	1.0	20	1	AAAI3753	Stem cell factor u
C 441	18.4	1.0	20	1	AAAI3754	Stem cell factor u
C 442	18.4	1.0	20	1	AAH41332	Universal stem cel
C 443	18.4	1.0	20	1	AAH41333	Universal stem cel
C 444	18.4	1.0	20	1	AAQ41112	Human SCF (stem ce
C 445	18.4	1.0	20	1	AAQ41113	Human SCF (stem ce
C 446	18.4	1.0	20	1	AAQ89092	Mammalian stem cel
C 447	18.4	1.0	20	1	AAQ89093	Mammalian stem cel
C 448	18.4	1.0	20	1	AAQ89092	Mammalian stem cel
C 449	18.4	1.0	20	1	AAH23891	BAP28 gene fragmen
C 450	18.4	1.0	20	1	AAH23890	Human SCF (stem ce
C 451	18.4	1.0	20	1	AAQ4213	Human SCF (stem ce
C 452	18.4	1.0	20	1	AAQ4214	Human SCF (stem ce
C 453	18.4	1.0	20	1	AAAI0449	Human SCF (stem ce
C 454	18.4	1.0	20	1	AAAI0448	Human stem cell fa
C 455	18.4	1.0	20	1	AAAD35465	Human stem cell fa
C 456	18.4	1.0	20	1	AAAD35466	Rat SCF 5', CDNA am
C 457	18.4	1.0	20	1	AB573849	Rat SCF 5', CDNA am
C 458	18.4	1.0	20	1	AB573850	SCF universal olig
C 459	18.4	1.0	20	1	AB289546	Human oligonucleot
C 460	18.4	1.0	20	1	AB289085	Human oligonucleot
C 461	18.4	1.0	20	1	AB289240	Human oligonucleot
C 462	18.4	1.0	20	1	AB289240	Human oligonucleot
C 463	18.4	1.0	20	1	AD552461	Stem cell factor (
C 464	18.4	1.0	20	1	AD552461	Stem cell factor (
C 465	18.4	1.0	21	1	AAQ75611	Reverse transcript
C 466	18.4	1.0	21	1	AAQ75630	Reverse transcript
C 467	18.4	1.0	21	1	AAQ75724	Reverse transcript
C 468	18.4	1.0	21	1	AAQ75661	Reverse transcript
C 469	18.4	1.0	21	1	AAQ75671	Reverse transcript
C 470	18.4	1.0	21	1	AAQ75675	Reverse transcript
C 471	18.4	1.0	21	1	AAQ75771	Reverse transcript
C 472	18.4	1.0	21	1	AAQ75627	Reverse transcript
C 473	18.4	1.0	21	1	AAQ75674	Reverse transcript
C 474	18.4	1.0	21	1	AAQ75681	Reverse transcript
C 475	18.4	1.0	21	1	AAQ75778	Reverse transcript
C 476	18.4	1.0	21	1	AAQ75618	Reverse transcript
C 477	18.4	1.0	21	1	AAQ75629	Reverse transcript
C 478	18.4	1.0	21	1	AAQ75625	Reverse transcript
C 479	18.4	1.0	21	1	AAQ75725	Reverse transcript
C 480	18.4	1.0	21	1	AAQ75773	Reverse transcript
C 481	18.4	1.0	21	1	AAQ75614	Reverse transcript
C 482	18.4	1.0	21	1	AAQ75682	Reverse transcript
C 483	18.4	1.0	21	1	AAQ75678	Reverse transcript
C 484	18.4	1.0	21	1	AAQ75713	Reverse transcript
C 485	18.4	1.0	21	1	AAQ75615	Reverse transcript
C 486	18.4	1.0	21	1	AAQ75659	Reverse transcript
C 487	18.4	1.0	21	1	AAQ75680	Reverse transcript
C 488	18.4	1.0	21	1	AAQ75743	Reverse transcript
C 489	18.4	1.0	21	1	AAQ75714	Reverse transcript
C 490	18.4	1.0	21	1	AAQ75723	Reverse transcript
C 491	18.4	1.0	21	1	AAQ75776	Reverse transcript
C 492	18.4	1.0	21	1	AAQ75672	Reverse transcript
C 493	18.4	1.0	21	1	AAQ75746	Reverse transcript
C 494	18.4	1.0	21	1	AAQ75617	Reverse transcript
C 495	18.4	1.0	21	1	AAQ75768	Reverse transcript
C 496	18.4	1.0	21	1	AAQ75777	Reverse transcript
C 497	18.4	1.0	21	1	AAQ75662	Reverse transcript
C 498	18.4	1.0	21	1	AAQ75774	Reverse transcript
C 499	18.4	1.0	21	1	AAQ75613	Reverse transcript
C 500	18.4	1.0	21	1	AAQ75677	Reverse transcript
C 501	18.4	1.0	21	1	AAQ75745	Reverse transcript
C 502	18.4	1.0	21	1	AAQ75770	Reverse transcript
C 503	18.4	1.0	21	1	AAQ75711	Reverse transcript
C 504	18.4	1.0	21	1	AAQ75711	Reverse transcript
C 505	18.4	1.0	21	1	AAQ75716	Human polyomorphi
C 506	18.4	1.0	21	1	AAQ75716	Human gene single
C 507	18.4	1.0	21	1	AAQ75794	Complementary nucl
C 508	18.4	1.0	22	1	AAQ752356	ESR complementary DN
C 509	18.4	1.0	22	1	AAQ752356	Amino modified oli
C 510	18.4	1.0	23	1	AAQ73084	Human zyclosporin PCR
C 511	18.4	1.0	23	1	AAQ73084	Synthetic oligonuc
C 512	18.4	1.0	24	1	AAH42426	Human phosphatase
C 513	18.4	1.0	24	1	AAH42426	Human FD 17 PCR pr
C 514	18.4	1.0	24	1	AAH42426	RT-PCR primer #2 f
C 515	18.2	1.0	24	1	AAH42426	RT-PCR primer #1 f
C 516	18.2	1.0	24	1	AAH42426	(-)-limonene-6-hyd
C 517	18.2	1.0	19	1	AAQ75678	Primer HOOK for CD
C 518	18.2	1.0	19	1	AAQ75678	3' sequencing prim
C 519	18.2	1.0	19	1	AAQ75678	Human FRD1-Bit RT-
C 520	18.2	1.0	19	1	AAQ75678	Oligonucleotide 9
C 521	18.2	1.0	19	1	AAQ75678	Sequence of a mlti
C 522	18.2	1.0	19	1	AAQ75678	PCR primer. Syn
C 523	18.2	1.0	19	1	AAQ75678	Anchored poly(T) o
C 524	18.2	1.0	19	1	AAQ75678	Nuclease resistant
C 525	18.2	1.0	19	1	AAQ75678	Primer SEQ ID NO:3
C 526	18.2	1.0	19	1	AAQ75678	Primer SEQ ID NO:2
C 527	18.2	1.0	19	1	AAQ75678	Oligoarabinonucleo
C 528	18.2	1.0	19	1	AAQ75678	Oligoarabinonucleo
C 529	18.2	1.0	19	1	AAQ75678	Decyarrabinonucleo
C 530	18.2	1.0	19	1	AAQ75678	Oligonucleotide #6
C 531	18.2	1.0	19	1	AAQ75678	Oligonucleotide A1
C 532	18.2	1.0	19	1	AAQ75678	Binary encoded seq
C 533	18.2	1.0	19	1	AAQ75678	Immunostimulatory
C 534	18.2	1.0	19	1	AAQ75678	
C 535	18.2	1.0	19	1	AAQ75678	
C 536	18.2	1.0	19	1	AAQ75678	
C 537	18.2	1.0	19	1	AAQ75678	
C 538	18.2	1.0	19	1	AAQ75678	
C 539	18.2	1.0	19	1	AAQ75678	
C 540	18.2	1.0	19	1	AAQ75678	
C 541	18.2	1.0	19	1	AAQ75678	
C 542	18.2	1.0	19	1	AAQ75678	
C 543	18.2	1.0	19	1	AAQ75678	
C 544	18.2	1.0	19	1	AAQ75678	

C 253	20	1.1	20	1	ACC82913	Human TRIP6 antisense	C 326	19.2	1.1	21	1	ACC48482	locked nucleic acid
C 254	20	1.1	20	1	ACC82913	Human TRIP6 antisense	C 327	19.2	1.1	21	1	ACC98729	Oligonucleotide.
C 255	20	1.1	20	1	ACC82913	Human TRIP6 antisense	C 328	19.2	1.1	21	1	AAQ73376	Anti-HSV-1 G4 olig
C 256	20	1.1	20	1	ACC58867	Doubly labelled DN	C 329	19.2	1.1	24	1	AAQ61902	HSV replication in
C 257	20	1.1	20	1	AB222916	Phosphorothioate 2	C 330	19.2	1.1	24	1	AAQ61990	Quarternet co
C 258	20	1.1	20	1	AA161645	Thiol-modified oli	C 331	19.2	1.1	24	1	AAQ61894	HSV replication in
C 259	20	1.1	20	1	AB259815	Puerto gene PCR pr	C 332	19.2	1.1	24	1	AAQ61997	Quarternet co
C 260	20	1.1	20	1	ABX79181	Thio-modified 20dA	C 333	19.2	1.1	24	1	AAQ61997	Peptide nucleic ac
C 261	20	1.1	20	1	ABX92177	Nanoparticle-assoc	C 334	19.2	1.1	24	1	AAQ61981	G4 phosphorothioat
C 262	20	1.1	20	1	ACD27255	Nanotechnology nuc	C 335	19.2	1.1	25	1	AAQ61892	HSV replication in
C 263	20	1.1	20	1	ACD27125	Nanotechnology nuc	C 336	19.2	1.1	25	1	AAQ61893	HSV replication in
C 264	20	1.1	20	1	ACD27385	Nanotechnology nuc	C 337	19.2	1.1	25	1	AAQ61978	Peptide nucleic ac
C 265	20	1.1	20	1	ACD27190	Nanotechnology nuc	C 338	19.2	1.1	25	1	AAQ6251	HDA DPA1 gene PCR
C 266	20	1.1	20	1	ACD27060	Nanotechnology nuc	C 339	19.2	1.1	25	1	AAQ66074	16s rRNA gene PCR
C 267	20	1.1	20	1	ACD27060	Nanotechnology nuc	C 340	19.2	1.1	19	1	AAQ75549	Reverse transcript
C 268	20	1.1	20	1	ACD98064	Nanotechnology nuc	C 341	19.2	1.1	19	1	AAQ75549	Oligonucleotide pr
C 269	20	1.1	20	1	ACD98487	Immunostimulatory	C 342	19.2	1.1	19	1	AAQ70757	Aminooxy-modified
C 270	20	1.1	20	1	ACD98487	Immunostimulatory	C 343	19.2	1.1	19	1	AAQ70757	Oligonucleotide co
C 271	20	1.1	20	1	ADA14838	Immunostimulatory	C 344	19.2	1.1	19	1	AAQ70757	5' amino oligonuc
C 272	20	1.1	20	1	ADA06159	Halpin target seq	C 345	19.2	1.1	19	1	AAQ70757	Polynucleotide str
C 273	20	1.1	20	1	ACD26995	Nanoparticle label	C 346	19.2	1.1	19	1	AAQ70757	PCR primer for PGI
C 274	20	1.1	20	1	ADB36933	Nanotechnology nuc	C 347	19.2	1.1	19	1	AAQ70757	Uniform phosphode
C 275	20	1.1	20	1	ADB36933	Immunostimulatory	C 348	19.2	1.1	19	1	AAQ70757	2'-O-modified ribo
C 276	20	1.1	20	1	ADB36933	Immunostimulatory	C 349	19.2	1.1	19	1	AAQ70757	T9 diester for us
C 277	20	1.1	20	1	ADB36933	Immunostimulatory	C 350	19.2	1.1	19	1	AAQ70757	Modified oligonuc
C 278	20	1.1	20	1	AAQ75643	Reverse transcript	C 351	19.2	1.1	19	1	AAQ70757	Modified oligonuc
C 279	20	1.1	20	1	AAQ75643	Reverse transcript	C 352	19.2	1.1	19	1	AAQ70757	Modified T-contan
C 280	20	1.1	20	1	AAQ75643	Reverse transcript	C 353	19.2	1.1	19	1	AAQ70757	Oligonucleotide IS
C 281	20	1.1	20	1	AAQ75643	Reverse transcript	C 354	19.2	1.1	19	1	AAQ70757	2'-Modified chim
C 282	20	1.1	20	1	AAQ75643	Reverse transcript	C 355	19.2	1.1	19	1	AAQ70757	Oligonucleotide IS
C 283	20	1.1	20	1	AAQ75643	Reverse transcript	C 356	19.2	1.1	19	1	AAQ70757	Oligonucleotide IS
C 284	20	1.1	20	1	AAQ75643	Reverse transcript	C 357	19.2	1.1	19	1	AAQ70757	Oligonucleotide IS
C 285	20	1.1	20	1	AAQ75643	Reverse transcript	C 358	19.2	1.1	19	1	AAQ70757	Oligonucleotide IS
C 286	20	1.1	20	1	AAQ75643	Reverse transcript	C 359	19.2	1.1	19	1	AAQ70757	Oligonucleotide IS
C 287	20	1.1	20	1	AAQ75643	Reverse transcript	C 360	19.2	1.1	19	1	AAQ70757	Phosphorothioate 2
C 288	20	1.1	20	1	AAQ75643	Reverse transcript	C 361	19.2	1.1	19	1	AAQ70757	Cleavage of nuclei
C 289	20	1.1	20	1	AAQ75643	Reverse transcript	C 362	19.2	1.1	19	1	AAQ70757	Oligonucleotide IS
C 290	20	1.1	20	1	AAQ75643	Reverse transcript	C 363	19.2	1.1	19	1	AAQ70757	ISIS sequence 3232
C 291	20	1.1	20	1	AAQ75643	Reverse transcript	C 364	19.2	1.1	19	1	AAQ70757	Oligonucleotide #8
C 292	20	1.1	20	1	AAQ75643	Reverse transcript	C 365	19.2	1.1	19	1	AAQ70757	Human type II RNAs
C 293	20	1.1	20	1	AAQ75643	Reverse transcript	C 366	19.2	1.1	19	1	AAQ70757	Human type II RNAs
C 294	20	1.1	20	1	AAQ75643	Reverse transcript	C 367	19.2	1.1	19	1	AAQ70757	2'-O-N-[2-(dimethy
C 295	20	1.1	20	1	AAQ75643	Reverse transcript	C 368	19.2	1.1	19	1	AAQ70757	Nucleic acid quant
C 296	20	1.1	20	1	AAQ75643	Reverse transcript	C 369	19.2	1.1	19	1	AAQ70757	Methyl thioethyl m
C 297	20	1.1	20	1	AAQ75643	Reverse transcript	C 370	19.2	1.1	19	1	AAQ70757	Dimethylaminoxypro
C 298	20	1.1	20	1	AAQ75643	Reverse transcript	C 371	19.2	1.1	19	1	AAQ70757	Methoxyethoxy modi
C 299	20	1.1	20	1	AAQ75643	Reverse transcript	C 372	19.2	1.1	19	1	AAQ70757	Tailing reaction r
C 300	20	1.1	20	1	AAQ75643	Reverse transcript	C 373	19.2	1.1	19	1	AAQ70757	Oligonucleotide #3
C 301	20	1.1	20	1	AAQ75643	Reverse transcript	C 374	19.2	1.1	19	1	AAQ70757	Oligonucleotide #5
C 302	20	1.1	20	1	AAQ75643	Reverse transcript	C 375	19.2	1.1	19	1	AAQ70757	Oligonucleotide #7
C 303	20	1.1	20	1	AAQ75643	Reverse transcript	C 376	19.2	1.1	19	1	AAQ70757	Oligonucleotide #1
C 304	20	1.1	20	1	AAQ75643	Reverse transcript	C 377	19.2	1.1	19	1	AAQ70757	Oligonucleotide #2
C 305	20	1.1	20	1	AAQ75643	Reverse transcript	C 378	19.2	1.1	19	1	AAQ70757	Oligonucleotide #4
C 306	20	1.1	20	1	AAQ75643	Reverse transcript	C 379	19.2	1.1	19	1	AAQ70757	Oligonucleotide #8
C 307	20	1.1	20	1	AAQ75643	Reverse transcript	C 380	19.2	1.1	19	1	AAQ70757	Oligonucleotide #1
C 308	20	1.1	20	1	AAQ75643	Reverse transcript	C 381	19.2	1.1	19	1	AAQ70757	Oligonucleotide #6
C 309	20	1.1	20	1	AAQ75643	Reverse transcript	C 382	19.2	1.1	19	1	AAQ70757	Oligonucleotide #1
C 310	20	1.1	20	1	AAQ75643	Reverse transcript	C 383	19.2	1.1	19	1	AAQ70757	Oligonucleotide #2
C 311	20	1.1	20	1	AAQ75643	Reverse transcript	C 384	19.2	1.1	19	1	AAQ70757	Oligonucleotide #1
C 312	20	1.1	20	1	AAQ75643	Reverse transcript	C 385	19.2	1.1	19	1	AAQ70757	Oligonucleotide #1
C 313	20	1.1	20	1	AAQ75643	Reverse transcript	C 386	19.2	1.1	19	1	AAQ70757	Oligonucleotide #1
C 314	20	1.1	20	1	AAQ75643	Reverse transcript	C 387	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 315	20	1.1	20	1	AAQ75643	Reverse transcript	C 388	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 316	20	1.1	20	1	AAQ75643	Reverse transcript	C 389	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 317	20	1.1	20	1	AAQ75643	Reverse transcript	C 390	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 318	20	1.1	20	1	AAQ75643	Reverse transcript	C 391	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 319	20	1.1	20	1	AAQ75643	Reverse transcript	C 392	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 320	20	1.1	20	1	AAQ75643	Reverse transcript	C 393	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 321	20	1.1	20	1	AAQ75643	Reverse transcript	C 394	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 322	20	1.1	20	1	AAQ75643	Reverse transcript	C 395	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 323	20	1.1	20	1	AAQ75643	Reverse transcript	C 396	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 324	20	1.1	20	1	AAQ75643	Reverse transcript	C 397	19.2	1.1	19	1	AAQ70757	Reverse transcript
C 325	20	1.1	20	1	AAQ75643	Reverse transcript	C 398	19.2	1.1	19	1	AAQ70757	Reverse transcript

C 107	20.4	1.2	27	1	ACH03245	Immunostimulatory	180	20	1.1	20	1	ABZ89086	Human oligonucleot
C 108	20.4	1.2	27	1	ADB37208	Immunostimulatory	181	20	1.1	20	1	ABZ85533	Human oligonucleot
C 109	20.2	1.2	22	1	AA150570	Molecular array pr	182	20	1.1	20	1	ABZ89015	Human oligonucleot
C 110	20.2	1.2	22	1	ABX74887	Oligo-dt primer us	183	20	1.1	20	1	ABZ89441	Human oligonucleot
C 111	20.2	1.2	22	1	ACC48484	Locked nucleic aci	184	20	1.1	20	1	ABZ89016	Human oligonucleot
C 112	20.2	1.2	22	1	ACC48485	Locked nucleic aci	185	20	1.1	20	1	ABZ89120	Human oligonucleot
C 113	20.2	1.2	22	1	ACC48483	Locked nucleic aci	186	20	1.1	20	1	ABZ89704	Human oligonucleot
C 114	20.2	1.2	22	1	AD51324	Anchored oligo dt	187	20	1.1	20	1	ACD27320	Nanotechnology nuc
C 115	20.2	1.2	23	1	ABX13916	3'-PCR primer used	188	20	1.1	20	1	ACC82890	Human TRIP6 antis
C 116	20.2	1.2	26	1	ABX94936	Renilla luciferase	189	20	1.1	20	1	ACC82896	Human TRIP6 antis
C 117	20	1.1	20	1	AA025565	Dye-coupled 3'-am	190	20	1.1	20	1	ACC82919	Human TRIP6 antis
C 118	20	1.1	20	1	AA033554	Microsatellite seq	191	20	1.1	20	1	ACC82889	Human TRIP6 antis
C 119	20	1.1	20	1	AA038578	Sequence of synthe	192	20	1.1	20	1	ACC82907	Human TRIP6 antis
C 120	20	1.1	20	1	AA094205	Alpha-anomeric oli	193	20	1.1	20	1	ACC82911	Human TRIP6 antis
C 121	20	1.1	20	1	AA075568	Reverse transcript	194	20	1.1	20	1	ACC82897	Human TRIP6 antis
C 122	20	1.1	20	1	AA090405	T2 (synthetic DNA	195	20	1.1	20	1	ACC82900	Human TRIP6 antis
C 123	20	1.1	20	1	AAT63649	Anti-HIV antisens	196	20	1.1	20	1	ACC82905	Human TRIP6 antis
C 124	20	1.1	20	1	AAV34591	M. vaccae antigen	197	20	1.1	20	1	ACC82909	Human TRIP6 antis
C 125	20	1.1	20	1	AAT86606	Oligonucleotide se	198	20	1.1	20	1	ACC82929	Human TRIP6 antis
C 126	20	1.1	20	1	AAZ27533	Synthetic RNA sequ	199	20	1.1	20	1	ACC82910	Human TRIP6 antis
C 127	20	1.1	20	1	AAZ11326	Mycobacterial 16S	200	20	1.1	20	1	ACC82921	Human TRIP6 antis
C 128	20	1.1	20	1	AAA40449	Electrochemical det	201	20	1.1	20	1	ACC82989	Human TRIP6 antis
C 129	20	1.1	20	1	AAA40448	Electrochemical det	202	20	1.1	20	1	ACC82920	Human TRIP6 antis
C 130	20	1.1	20	1	AAZ91117	Oligonucleotide #5	203	20	1.1	20	1	ACC82922	Human TRIP6 antis
C 131	20	1.1	20	1	AA501193	2'-Methoxyethoxy-m	204	20	1.1	20	1	ACC82951	Human TRIP6 antis
C 132	20	1.1	20	1	AA087238	Phosphorothioate P	205	20	1.1	20	1	ACC82952	Human TRIP6 antis
C 133	20	1.1	20	1	AA087230	Disoxigenin-label1	206	20	1.1	20	1	ACC82953	Human TRIP6 antis
C 134	20	1.1	20	1	AA087241	Poly T oligonucleo	207	20	1.1	20	1	ACC82981	Human TRIP6 antis
C 135	20	1.1	20	1	AA087242	DNA template for 3	208	20	1.1	20	1	ACC82901	Human TRIP6 antis
C 136	20	1.1	20	1	AA087241	Capture probe CPS'	209	20	1.1	20	1	ACC82904	Human TRIP6 antis
C 137	20	1.1	20	1	AA087241	Conjugate forming	210	20	1.1	20	1	ACC82912	Human TRIP6 antis
C 138	20	1.1	20	1	AA087241	Oligonucleotide-na	211	20	1.1	20	1	ACC82919	Human TRIP6 antis
C 139	20	1.1	20	1	AA087241	Random oligonucleo	212	20	1.1	20	1	ACC82892	Human TRIP6 antis
C 140	20	1.1	20	1	AA087241	Oligonucleotide-cy	213	20	1.1	20	1	ACC82892	Human TRIP6 antis
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C 142	20	1.1	20	1	AA087241	Immunostimulatory	215	20	1.1	20	1	ACC82925	Human TRIP6 antis
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 16, 2004, 15:23:23 ; Search time 27 Seconds

(without alignments)
3.725 Million cell updates/sec

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Perfect score: 1755

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Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 1487 segs, 28657 residues

Total number of hits satisfying chosen parameters: 2974

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1489 summaries

Database :

rngdb:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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2	23	1.3	23	1	ACCG82883
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6	22.2	1.3	26	1	AAV57856
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8	21.4	1.2	24	1	AAZ00877
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78	20.4	1.2	25	1	AAK94306	Capit capture prob
79	20.4	1.2	25	1	AAZ30267	Rapide probe CP12
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ACCESSION	AJ241944
VERSION	AJ241944.1 GI:7106900
FEATURES	SP130 gene; splice acceptor site.
	Homo sapiens (human)

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               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
REFERENCE     Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS       1 (bases 1 to 29)
TITLE         Szalai,C., Toth,S. and Falus,A.
JOURNAL       Gene 243 (1-2), 161-166 (2000)
MEDLINE       20156380
PUBMED        10675624
REFERENCE     2 (bases 1 to 29)
AUTHORS       Szalai,C.
TITLE         Direct Submission
JOURNAL       Submitted (27-APR-1999) Szalai C., Heim Pal Pediatric Hospital
COMMENT       Budapest, Budapest POBOX 66, H-1958 Hungary
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Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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DEFINITION   Sequence 6 from patent US 6322971.
ACCESSION    AR261539
VERSION      AR261539.1 GI:28072607
KEYWORDS
SOURCE       .
ORGANISM     Unknown.
             Unclassified.
REFERENCE    1 (bases 1 to 24)
            Chetverlin,A.B. and Kramer,F.R.
            Oligonucleotide arrays and their use for sorting, isolating,
            sequencing, and manipulating nucleic acids
            Patent: US 6322971-A 6 27-NOV-2001;
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JOURNAL
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LOCUS

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c1140	12.8	0.7	17	1	AR039235	ACCESSION:AR039235	c1213	12.8	0.7	17	1	AX215070	ACCESSION:AX215070
c1141	12.8	0.7	17	1	AR040219	ACCESSION:AR040219	c1214	12.8	0.7	17	1	AX215071	ACCESSION:AX215071
c1142	12.8	0.7	17	1	AR047356	ACCESSION:AR047356	1215	12.8	0.7	17	1	AX215071	ACCESSION:AX215071
c1143	12.8	0.7	17	1	AR057566	ACCESSION:AR057566	c1216	12.8	0.7	17	1	AX215501	ACCESSION:AX215501
c1144	12.8	0.7	17	1	AR057690	ACCESSION:AR057690	c1216	12.8	0.7	17	1	AX215502	ACCESSION:AX215502
c1145	12.8	0.7	17	1	AR057780	ACCESSION:AR057780	1217	12.8	0.7	17	1	AX216917	ACCESSION:AX216917
1146	12.8	0.7	17	1	AR097026	ACCESSION:AR097026	1218	12.8	0.7	17	1	AX216918	ACCESSION:AX216918
c1147	12.8	0.7	17	1	AR115324	ACCESSION:AR115324	1219	12.8	0.7	17	1	AX216919	ACCESSION:AX216919
c1148	12.8	0.7	17	1	AR115548	ACCESSION:AR115548	1220	12.8	0.7	17	1	AX216926	ACCESSION:AX216926
c1149	12.8	0.7	17	1	AR115538	ACCESSION:AR115538	1221	12.8	0.7	17	1	AX216975	ACCESSION:AX216975
c1150	12.8	0.7	17	1	AR158452	ACCESSION:AR158452	1222	12.8	0.7	17	1	AX218301	ACCESSION:AX218301
c1151	12.8	0.7	17	1	AR158453	ACCESSION:AR158453	1223	12.8	0.7	17	1	AX218303	ACCESSION:AX218303
1152	12.8	0.7	17	1	AR173612	ACCESSION:AR173612	1224	12.8	0.7	17	1	AX227355	ACCESSION:AX227355
c1153	12.8	0.7	17	1	BD241455	ACCESSION:BD241455	c1225	12.8	0.7	17	1	AX227355	ACCESSION:AX227355
c1154	12.8	0.7	17	1	BD241481	ACCESSION:BD241481	1226	12.8	0.7	17	1	AX266656	ACCESSION:AX266656
1155	12.8	0.7	17	1	BD254211	ACCESSION:BD254211	c1227	12.8	0.7	17	1	AX266659	ACCESSION:AX266659
1156	12.8	0.7	17	1	BD254586	ACCESSION:BD254586	1228	12.8	0.7	17	1	AX266660	ACCESSION:AX266660
c1157	12.8	0.7	17	1	BD254877	ACCESSION:BD254877	1229	12.8	0.7	17	1	AX272708	ACCESSION:AX272708
c1158	12.8	0.7	17	1	BD255011	ACCESSION:BD255011	c1230	12.8	0.7	17	1	AX272803	ACCESSION:AX272803
c1159	12.8	0.7	17	1	BD255012	ACCESSION:BD255012	c1231	12.8	0.7	17	1	AX273141	ACCESSION:AX273141
c1160	12.8	0.7	17	1	BD255013	ACCESSION:BD255013	1232	12.8	0.7	17	1	AX355726	ACCESSION:AX355726
1161	12.8	0.7	17	1	BD255031	ACCESSION:BD255031	c1233	12.8	0.7	17	1	AX402539	ACCESSION:AX402539
c1162	12.8	0.7	17	1	BD255419	ACCESSION:BD255419	1234	12.8	0.7	17	1	AX4422702	ACCESSION:AX4422702
c1163	12.8	0.7	17	1	BD255420	ACCESSION:BD255420	1235	12.8	0.7	17	1	AX4423326	ACCESSION:AX4423326
c1164	12.8	0.7	17	1	BD255542	ACCESSION:BD255542	1236	12.8	0.7	17	1	AX4423698	ACCESSION:AX4423698
1165	12.8	0.7	17	1	BD255581	ACCESSION:BD255581	1237	12.8	0.7	17	1	AX4423701	ACCESSION:AX4423701
1166	12.8	0.7	17	1	BD256533	ACCESSION:BD256533	1238	12.8	0.7	17	1	AX4423702	ACCESSION:AX4423702
1167	12.8	0.7	17	1	BD256981	ACCESSION:BD256981	c1239	12.8	0.7	17	1	AX4475040	ACCESSION:AX4475040
c1168	12.8	0.7	17	1	BD257670	ACCESSION:BD257670	c1240	12.8	0.7	17	1	AX4475041	ACCESSION:AX4475041
c1169	12.8	0.7	17	1	BD257672	ACCESSION:BD257672	c1241	12.8	0.7	17	1	AX4475564	ACCESSION:AX4475564
c1170	12.8	0.7	17	1	BD258512	ACCESSION:BD258512	c1242	12.8	0.7	17	1	AX4475565	ACCESSION:AX4475565
c1171	12.8	0.7	17	1	BD258578	ACCESSION:BD258578	1243	12.8	0.7	17	1	AX4499076	ACCESSION:AX4499076
c1172	12.8	0.7	17	1	BD258581	ACCESSION:BD258581	1244	12.8	0.7	17	1	AX4499078	ACCESSION:AX4499078
c1173	12.8	0.7	17	1	E37369	ACCESSION:E37369	c1245	12.8	0.7	17	1	AX4499156	ACCESSION:AX4499156
c1174	12.8	0.7	17	1	I26844	ACCESSION:I26844	c1246	12.8	0.7	17	1	AX4499157	ACCESSION:AX4499157
c1175	12.8	0.7	17	1	I54408	ACCESSION:I54408	c1247	12.8	0.7	17	1	AX4499157	ACCESSION:AX4499157
c1176	12.8	0.7	17	1	I91585	ACCESSION:I91585	c1248	12.8	0.7	17	1	AX4499339	ACCESSION:AX4499339
c1177	12.8	0.7	17	1	AR187031	ACCESSION:AR187031	c1249	12.8	0.7	17	1	AX4499685	ACCESSION:AX4499685
c1178	12.8	0.7	17	1	AR187068	ACCESSION:AR187068	c1250	12.8	0.7	17	1	AX4499686	ACCESSION:AX4499686
c1179	12.8	0.7	17	1	AR187252	ACCESSION:AR187252	c1251	12.8	0.7	17	1	AX531314	ACCESSION:AX531314
c1180	12.8	0.7	17	1	AR192334	ACCESSION:AR192334	c1252	12.8	0.7	17	1	AX531315	ACCESSION:AX531315
c1181	12.8	0.7	17	1	AR192336	ACCESSION:AR192336	c1253	12.8	0.7	17	1	AX531999	ACCESSION:AX531999
c1182	12.8	0.7	17	1	AR196415	ACCESSION:AR196415	c1254	12.8	0.7	17	1	AX544714	ACCESSION:AX544714
c1183	12.8	0.7	17	1	AR196417	ACCESSION:AR196417	c1255	12.8	0.7	17	1	AX544718	ACCESSION:AX544718
c1184	12.8	0.7	17	1	AR210111	ACCESSION:AR210111	c1256	12.8	0.7	17	1	AX544738	ACCESSION:AX544738
1185	12.8	0.7	17	1	AR286154	ACCESSION:AR286154	c1257	12.8	0.7	17	1	AX544739	ACCESSION:AX544739
c1186	12.8	0.7	17	1	AR286186	ACCESSION:AR286186	1258	12.8	0.7	17	1	AX544743	ACCESSION:AX544743
c1187	12.8	0.7	17	1	AR286187	ACCESSION:AR286187	1259	12.8	0.7	17	1	AX544745	ACCESSION:AX544745
1188	12.8	0.7	17	1	AR286196	ACCESSION:AR286196	1260	12.8	0.7	17	1	AX545140	ACCESSION:AX545140
c1189	12.8	0.7	17	1	AR286453	ACCESSION:AR286453	1261	12.8	0.7	17	1	AX545141	ACCESSION:AX545141
c1190	12.8	0.7	17	1	AR322498	ACCESSION:AR322498	1262	12.8	0.7	17	1	AX547276	ACCESSION:AX547276
c1191	12.8	0.7	17	1	AR322641	ACCESSION:AR322641	1263	12.8	0.7	17	1	AX579179	ACCESSION:AX579179
c1192	12.8	0.7	17	1	AR323641	ACCESSION:AR323641	1264	12.8	0.7	17	1	AX579179	ACCESSION:AX579179
c1193	12.8	0.7	17	1	AR323678	ACCESSION:AR323678	1265	12.8	0.7	17	1	AX615976	ACCESSION:AX615976
c1194	12.8	0.7	17	1	AR323862	ACCESSION:AR323862	c1266	12.8	0.7	17	1	AX615977	ACCESSION:AX615977
c1195	12.8	0.7	17	1	AR326204	ACCESSION:AR326204	c1267	12.8	0.7	17	1	AX634583	ACCESSION:AX634583
c1196	12.8	0.7	17	1	AR326206	ACCESSION:AR326206	c1268	12.8	0.7	17	1	AX634733	ACCESSION:AX634733
c1197	12.8	0.7	17	1	AR327941	ACCESSION:AR327941	c1269	12.8	0.7	17	1	AX634815	ACCESSION:AX634815
c1198	12.8	0.7	17	1	AR328074	ACCESSION:AR328074	c1270	12.8	0.7	17	1	AX648952	ACCESSION:AX648952
c1199	12.8	0.7	17	1	AR328160	ACCESSION:AR328160	c1271	12.8	0.7	17	1	AX648953	ACCESSION:AX648953
c1200	12.8	0.7	17	1	AR329383	ACCESSION:AR329383	c1272	12.8	0.7	17	1	AX672939	ACCESSION:AX672939
1201	12.8	0.7	17	1	AR329554	ACCESSION:AR329554	c1273	12.8	0.7	17	1	AX673204	ACCESSION:AX673204
					AR367363	ACCESSION:AR367363	c1274	12.8	0.7	17	1	AX688348	ACCESSION:AX688348
												AX688601	ACCESSION:AX688601

983	13.4	0.8	17	1	AX690455	ACCESSTION:AX690455	C1056	13	0.7	15	1	AR235555	ACCESSTION:AR235555
984	13.4	0.8	17	1	AX690456	ACCESSTION:AX690456	C1057	13	0.7	15	1	AX377159	ACCESSTION:AX377159
C 985	13.4	0.8	17	1	AX692521	ACCESSTION:AX692521	C1058	13	0.7	15	1	AX633193	ACCESSTION:AX633193
986	13.4	0.8	17	1	AX722330	ACCESSTION:AX722330	C1059	13	0.7	15	1	AX633203	ACCESSTION:AX633203
C 987	13.4	0.8	17	1	AX724812	ACCESSTION:AX724812	C1060	13	0.7	16	1	AR049816	ACCESSTION:AR049816
C 988	13.4	0.8	17	1	AX735928	ACCESSTION:AX735928	1061	13	0.7	16	1	AR149710	ACCESSTION:AR149710
C 989	13.4	0.8	17	1	AX737170	ACCESSTION:AX737170	1062	13	0.7	16	1	I47692	ACCESSTION:I47692
C 991	13.4	0.8	17	1	AX738045	ACCESSTION:AX738045	C1063	13	0.7	16	1	AR231305	ACCESSTION:AR231305
C 992	13.4	0.8	17	1	AX738493	ACCESSTION:AX738493	1064	13	0.7	16	1	AR404837	ACCESSTION:AR404837
C 993	13.4	0.8	17	1	AX757892	ACCESSTION:AX757892	C1065	13	0.7	16	1	AX708160	ACCESSTION:AX708160
C 994	13.4	0.8	17	1	AX804339	ACCESSTION:AX804339	C1066	13	0.7	17	1	AR057435	ACCESSTION:AR057435
C 995	13.4	0.8	17	1	BD000130	ACCESSTION:BD000130	C1067	13	0.7	17	1	AR057586	ACCESSTION:AR057586
996	13.4	0.8	17	1	BD017427	ACCESSTION:BD017427	C1068	13	0.7	17	1	AR057597	ACCESSTION:AR057597
997	13.4	0.8	17	1	BD203288	ACCESSTION:BD203288	C1069	13	0.7	17	1	AR057619	ACCESSTION:AR057619
998	13.4	0.8	17	1	BD203289	ACCESSTION:BD203289	C1070	13	0.7	17	1	AR057664	ACCESSTION:AR057664
C 999	13.2	0.8	14	1	AS2266	ACCESSTION:AS2266	C1071	13	0.7	17	1	AR115193	ACCESSTION:AR115193
C1000	13.2	0.8	14	1	E13666	ACCESSTION:E13666	C1072	13	0.7	17	1	AR115344	ACCESSTION:AR115344
C1001	13.2	0.8	14	1	E13671	ACCESSTION:E13671	C1073	13	0.7	17	1	AR115355	ACCESSTION:AR115355
C1002	13.2	0.8	14	1	AR266627	ACCESSTION:AR266627	C1074	13	0.7	17	1	AR115377	ACCESSTION:AR115377
C1003	13.2	0.8	14	1	AR012009	ACCESSTION:AR012009	C1075	13	0.7	17	1	AR115422	ACCESSTION:AR115422
C1004	13	0.7	13	1	AR012010	ACCESSTION:AR012010	C1076	13	0.7	17	1	BD253932	ACCESSTION:BD253932
1005	13	0.7	13	1	AR145368	ACCESSTION:AR145368	C1077	13	0.7	17	1	AR187059	ACCESSTION:AR187059
C1006	13	0.7	13	1	AR179431	ACCESSTION:AR179431	C1078	13	0.7	17	1	AR323669	ACCESSTION:AR323669
1007	13	0.7	13	1	E66853	ACCESSTION:E66853	1079	13	0.7	17	1	AR327689	ACCESSTION:AR327689
1008	13	0.7	13	1	E66854	ACCESSTION:E66854	1080	13	0.7	17	1	AR327690	ACCESSTION:AR327690
C1009	13	0.7	13	1	AR205695	ACCESSTION:AR205695	1081	13	0.7	17	1	AX216924	ACCESSTION:AX216924
1010	13	0.7	13	1	AR222459	ACCESSTION:AR222459	1082	13	0.7	17	1	AX227583	ACCESSTION:AX227583
1011	13	0.7	13	1	AR241741	ACCESSTION:AR241741	1083	13	0.7	17	1	AX227970	ACCESSTION:AX227970
C1012	13	0.7	13	1	AX021144	ACCESSTION:AX021144	1084	13	0.7	17	1	AX273151	ACCESSTION:AX273151
C1013	13	0.7	13	1	AX048405	ACCESSTION:AX048405	1085	13	0.7	17	1	AX423096	ACCESSTION:AX423096
C1014	13	0.7	13	1	AX104675	ACCESSTION:AX104675	1086	13	0.7	17	1	AX531992	ACCESSTION:AX531992
C1015	13	0.7	13	1	AX104676	ACCESSTION:AX104676	C1087	13	0.7	17	1	AX634500	ACCESSTION:AX634500
C1016	13	0.7	13	1	AX235509	ACCESSTION:AX235509	C1088	13	0.7	17	1	AX634500	ACCESSTION:AX634500
C1017	13	0.7	13	1	AX235510	ACCESSTION:AX235510	C1089	13	0.7	17	1	AX634623	ACCESSTION:AX634623
C1018	13	0.7	13	1	AX355807	ACCESSTION:AX355807	C1090	13	0.7	17	1	AX634645	ACCESSTION:AX634645
C1019	13	0.7	13	1	AX355808	ACCESSTION:AX355808	C1091	13	0.7	17	1	AX634681	ACCESSTION:AX634681
C1020	13	0.7	13	1	AX547728	ACCESSTION:AX547728	C1092	13	0.7	17	1	AX634688	ACCESSTION:AX634688
C1021	13	0.7	13	1	AX547729	ACCESSTION:AX547729	1093	13	0.7	17	1	AX671642	ACCESSTION:AX671642
C1022	13	0.7	14	1	AR8150	ACCESSTION:AR8150	C1094	13	0.7	17	1	AX674812	ACCESSTION:AX674812
C1023	13	0.7	14	1	AR9017	ACCESSTION:AR9017	1095	13	0.7	17	1	AX690457	ACCESSTION:AX690457
C1024	13	0.7	14	1	AR9593	ACCESSTION:AR9593	C1096	13	0.7	17	1	AX690458	ACCESSTION:AX690458
C1025	13	0.7	14	1	AR004935	ACCESSTION:AR004935	1098	13	0.7	17	1	AX692530	ACCESSTION:AX692530
1026	13	0.7	14	1	AR036791	ACCESSTION:AR036791	C1099	13	0.7	17	1	AX723881	ACCESSTION:AX723881
1027	13	0.7	14	1	AR051240	ACCESSTION:AR051240	C1100	13	0.7	17	1	AX736300	ACCESSTION:AX736300
C1028	13	0.7	14	1	AR067459	ACCESSTION:AR067459	C1101	13	0.7	17	1	AX739516	ACCESSTION:AX739516
1029	13	0.7	14	1	AR127787	ACCESSTION:AR127787	1102	12.8	0.7	17	1	AX760808	ACCESSTION:AX760808
C1030	13	0.7	14	1	AR174022	ACCESSTION:AR174022	C1103	12.8	0.7	16	1	A66860	ACCESSTION:A66860
C1031	13	0.7	14	1	AR174023	ACCESSTION:AR174023	C1104	12.8	0.7	16	1	AR051248	ACCESSTION:AR051248
C1032	13	0.7	14	1	AR174025	ACCESSTION:AR174025	C1105	12.8	0.7	16	1	AR066240	ACCESSTION:AR066240
1033	13	0.7	14	1	I28369	ACCESSTION:I28369	C1106	12.8	0.7	16	1	AR074231	ACCESSTION:AR074231
C1034	13	0.7	14	1	AR241806	ACCESSTION:AR241806	1107	12.8	0.7	16	1	AR074237	ACCESSTION:AR074237
C1035	13	0.7	14	1	AR349924	ACCESSTION:AR349924	1108	12.8	0.7	16	1	AR074240	ACCESSTION:AR074240
C1036	13	0.7	14	1	AR349926	ACCESSTION:AR349926	C1109	12.8	0.7	16	1	AR077149	ACCESSTION:AR077149
C1037	13	0.7	14	1	AR016298	ACCESSTION:AR016298	1110	12.8	0.7	16	1	AR082443	ACCESSTION:AR082443
C1038	13	0.7	14	1	AX642208	ACCESSTION:AX642208	1111	12.8	0.7	16	1	AR138999	ACCESSTION:AR138999
C1039	13	0.7	14	1	AX659630	ACCESSTION:AX659630	1112	12.8	0.7	16	1	I13390	ACCESSTION:I13390
C1040	13	0.7	14	1	BD066563	ACCESSTION:BD066563	1113	12.8	0.7	16	1	I20477	ACCESSTION:I20477
C1041	13	0.7	14	1	BD073881	ACCESSTION:BD073881	C1114	12.8	0.7	16	1	I28377	ACCESSTION:I28377
C1042	13	0.7	14	1	BD073884	ACCESSTION:BD073884	C1115	12.8	0.7	16	1	AR233918	ACCESSTION:AR233918
C1043	13	0.7	14	1	BD073887	ACCESSTION:BD073887	1116	12.8	0.7	16	1	AR281424	ACCESSTION:AR281424
C1044	13	0.7	14	1	BD084126	ACCESSTION:BD084126	1117	12.8	0.7	16	1	AR285629	ACCESSTION:AR285629
1045	13	0.7	14	1	BD176796	ACCESSTION:BD176796	1118	12.8	0.7	16	1	AR285649	ACCESSTION:AR285649
1046	13	0.7	14	1	BD176797	ACCESSTION:BD176797	C1119	12.8	0.7	16	1	AR366072	ACCESSTION:AR366072
1047	13	0.7	14	1	BD176798	ACCESSTION:BD176798	C1120	12.8	0.7	16	1	AR391428	ACCESSTION:AR391428
C1048	13	0.7	14	1	BD176801	ACCESSTION:BD176801	C1121	12.8	0.7	16	1	AR391503	ACCESSTION:AR391503
C1049	13	0.7	14	1	BD176802	ACCESSTION:BD176802	1122	12.8	0.7	16	1	AR397630	ACCESSTION:AR397630
1050	13	0.7	14	1	BD209329	ACCESSTION:BD209329	1123	12.8	0.7	16	1	AR397640	ACCESSTION:AR397640
C1051	13	0.7	15	1	AR056155	ACCESSTION:AR056155	C1124	12.8	0.7	16	1	AR408433	ACCESSTION:AR408433
1052	13	0.7	15	1	AR056160	ACCESSTION:AR056160	1125	12.8	0.7	16	1	AX032593	ACCESSTION:AX032593
1053	13	0.7	15	1	AR113913	ACCESSTION:AR113913	1126	12.8	0.7	16	1	AX032609	ACCESSTION:AX032609
1054	13	0.7	15	1	AR113918	ACCESSTION:AR113918	1127	12.8	0.7	16	1	AX032666	ACCESSTION:AX032666
1055	13	0.7	15	1	AR180774	ACCESSTION:AR180774	C1128	12.8	0.7	16	1	AX194485	ACCESSTION:AX194485

C 837	13.8	0.8	17	AR186662	ACCESSION:AR186662	910	13.8	0.8	18	1	AR552433	ACCESSION:AR552433
C 838	13.8	0.8	17	AR187066	ACCESSION:AR187066	911	13.8	0.8	18	1	AR562789	ACCESSION:AR562789
C 839	13.8	0.8	17	AR187067	ACCESSION:AR187067	912	13.8	0.8	18	1	AX012429	ACCESSION:AX012429
C 840	13.8	0.8	17	AR192330	ACCESSION:AR192330	913	13.8	0.8	18	1	AX135661	ACCESSION:AX135661
C 841	13.8	0.8	17	AR192331	ACCESSION:AR192331	914	13.8	0.8	18	1	AX1172296	ACCESSION:AX1172296
C 842	13.8	0.8	17	AR192332	ACCESSION:AR192332	915	13.8	0.8	18	1	AX391641	ACCESSION:AX391641
C 843	13.8	0.8	17	AR192333	ACCESSION:AR192333	916	13.8	0.8	18	1	AX391790	ACCESSION:AX391790
C 844	13.8	0.8	17	AR192335	ACCESSION:AR192335	917	13.8	0.8	18	1	AX453798	ACCESSION:AX453798
C 845	13.8	0.8	17	AR196416	ACCESSION:AR196416	918	13.8	0.8	18	1	AX718767	ACCESSION:AX718767
C 846	13.8	0.8	17	AR204408	ACCESSION:AR204408	919	13.8	0.8	18	1	AX785415	ACCESSION:AX785415
C 847	13.8	0.8	17	AR262702	ACCESSION:AR262702	920	13.8	0.8	18	1	AX839747	ACCESSION:AX839747
C 848	13.8	0.8	17	AR286095	ACCESSION:AR286095	921	13.8	0.8	18	1	BD000033	ACCESSION:BD000033
C 849	13.8	0.8	17	AR286192	ACCESSION:AR286192	922	13.8	0.8	18	1	BD106774	ACCESSION:BD106774
C 850	13.8	0.8	17	AR283273	ACCESSION:AR283273	923	13.8	0.8	18	1	BD133564	ACCESSION:BD133564
C 851	13.8	0.8	17	AR232676	ACCESSION:AR232676	924	13.8	0.8	18	1	BD135722	ACCESSION:BD135722
C 852	13.8	0.8	17	AR323677	ACCESSION:AR323677	925	13.8	0.8	18	1	BD160988	ACCESSION:BD160988
C 853	13.8	0.8	17	AR326200	ACCESSION:AR326200	926	13.8	0.8	18	1	BD167483	ACCESSION:BD167483
C 854	13.8	0.8	17	AR326201	ACCESSION:AR326201	927	13.8	0.8	18	1	BD176966	ACCESSION:BD176966
C 855	13.8	0.8	17	AR326202	ACCESSION:AR326202	928	13.8	0.8	18	1	BD185983	ACCESSION:BD185983
C 856	13.8	0.8	17	AR326203	ACCESSION:AR326203	929	13.6	0.8	15	1	AX377095	ACCESSION:AX377095
C 857	13.8	0.8	17	AR326205	ACCESSION:AR326205	930	13.6	0.8	15	1	BD096968	ACCESSION:BD096968
C 858	13.8	0.8	17	AR327613	ACCESSION:AR327613	931	13.4	0.8	15	1	AR084519	ACCESSION:AR084519
C 859	13.8	0.8	17	AR398085	ACCESSION:AR398085	932	13.4	0.8	15	1	BD244856	ACCESSION:BD244856
C 860	13.8	0.8	17	AR398182	ACCESSION:AR398182	933	13.4	0.8	15	1	128566	ACCESSION:128566
C 861	13.8	0.8	17	AR434061	ACCESSION:AR434061	934	13.4	0.8	15	1	158728	ACCESSION:158728
C 862	13.8	0.8	17	AX039679	ACCESSION:AX039679	935	13.4	0.8	15	1	AR241876	ACCESSION:AR241876
C 863	13.8	0.8	17	AX015933	ACCESSION:AX015933	936	13.4	0.8	15	1	AX147741	ACCESSION:AX147741
C 864	13.8	0.8	17	AX216915	ACCESSION:AX216915	937	13.4	0.8	16	1	AR141562	ACCESSION:AR141562
C 865	13.8	0.8	17	AX216916	ACCESSION:AX216916	938	13.4	0.8	16	1	BD266224	ACCESSION:BD266224
C 866	13.8	0.8	17	AX216925	ACCESSION:AX216925	939	13.4	0.8	16	1	AX598384	ACCESSION:AX598384
C 867	13.8	0.8	17	AX218502	ACCESSION:AX218502	940	13.4	0.8	17	1	AR009007	ACCESSION:AR009007
C 868	13.8	0.8	17	AX272523	ACCESSION:AX272523	941	13.4	0.8	17	1	AR010206	ACCESSION:AR010206
C 869	13.8	0.8	17	AX272706	ACCESSION:AX272706	942	13.4	0.8	17	1	AR043128	ACCESSION:AR043128
C 870	13.8	0.8	17	AX272707	ACCESSION:AX272707	943	13.4	0.8	17	1	AR045401	ACCESSION:AR045401
C 871	13.8	0.8	17	AX272804	ACCESSION:AX272804	944	13.4	0.8	17	1	AR074628	ACCESSION:AR074628
C 872	13.8	0.8	17	AX272952	ACCESSION:AX272952	945	13.4	0.8	17	1	AR098727	ACCESSION:AR098727
C 873	13.8	0.8	17	AX361147	ACCESSION:AX361147	946	13.4	0.8	17	1	BD238354	ACCESSION:BD238354
C 874	13.8	0.8	17	AX422503	ACCESSION:AX422503	947	13.4	0.8	17	1	E35686	ACCESSION:E35686
C 875	13.8	0.8	17	AX422924	ACCESSION:AX422924	948	13.4	0.8	17	1	I32068	ACCESSION:I32068
C 876	13.8	0.8	17	AX423181	ACCESSION:AX423181	949	13.4	0.8	17	1	I33322	ACCESSION:I33322
C 877	13.8	0.8	17	AX499077	ACCESSION:AX499077	950	13.4	0.8	17	1	I52453	ACCESSION:I52453
C 878	13.8	0.8	17	AX499340	ACCESSION:AX499340	951	13.4	0.8	17	1	I58825	ACCESSION:I58825
C 879	13.8	0.8	17	AX531998	ACCESSION:AX531998	952	13.4	0.8	17	1	AR187288	ACCESSION:AR187288
C 880	13.8	0.8	17	AX544715	ACCESSION:AX544715	953	13.4	0.8	17	1	AR187290	ACCESSION:AR187290
C 881	13.8	0.8	17	AX544716	ACCESSION:AX544716	954	13.4	0.8	17	1	AR323898	ACCESSION:AR323898
C 882	13.8	0.8	17	AX544717	ACCESSION:AX544717	955	13.4	0.8	17	1	AR323900	ACCESSION:AR323900
C 883	13.8	0.8	17	AX544744	ACCESSION:AX544744	956	13.4	0.8	17	1	AR327688	ACCESSION:AR327688
C 884	13.8	0.8	17	AX688347	ACCESSION:AX688347	957	13.4	0.8	17	1	AX146685	ACCESSION:AX146685
C 885	13.8	0.8	17	AX698573	ACCESSION:AX698573	958	13.4	0.8	17	1	AX216923	ACCESSION:AX216923
C 886	13.8	0.8	17	AX727700	ACCESSION:AX727700	959	13.4	0.8	17	1	AX218294	ACCESSION:AX218294
C 887	13.8	0.8	17	AX730844	ACCESSION:AX730844	960	13.4	0.8	17	1	AX266015	ACCESSION:AX266015
C 888	13.8	0.8	17	AX737376	ACCESSION:AX737376	961	13.4	0.8	17	1	AX421847	ACCESSION:AX421847
C 889	13.8	0.8	17	AX784081	ACCESSION:AX784081	962	13.4	0.8	17	1	AX422310	ACCESSION:AX422310
C 890	13.8	0.8	17	AX787049	ACCESSION:AX787049	963	13.4	0.8	17	1	AX422498	ACCESSION:AX422498
C 891	13.8	0.8	17	BD144764	ACCESSION:BD144764	964	13.4	0.8	17	1	AX422545	ACCESSION:AX422545
C 892	13.8	0.8	17	BD199007	ACCESSION:BD199007	965	13.4	0.8	17	1	AX423515	ACCESSION:AX423515
C 893	13.8	0.8	17	BD200582	ACCESSION:BD200582	966	13.4	0.8	17	1	AX423516	ACCESSION:AX423516
C 894	13.8	0.8	17	BD200583	ACCESSION:BD200583	967	13.4	0.8	17	1	AX423699	ACCESSION:AX423699
C 895	13.8	0.8	18	AI4818	ACCESSION:AI4818	968	13.4	0.8	17	1	AX423700	ACCESSION:AX423700
C 896	13.8	0.8	18	AI4818	ACCESSION:AI4818	969	13.4	0.8	17	1	AX499341	ACCESSION:AX499341
C 897	13.8	0.8	18	AI4818	ACCESSION:AI4818	970	13.4	0.8	17	1	AX499342	ACCESSION:AX499342
C 898	13.8	0.8	18	AI06852	ACCESSION:AI06852	971	13.4	0.8	17	1	AX578565	ACCESSION:AX578565
C 899	13.8	0.8	18	AI06931	ACCESSION:AI06931	972	13.4	0.8	17	1	AX580298	ACCESSION:AX580298
C 900	13.8	0.8	18	E40556	ACCESSION:E40556	973	13.4	0.8	17	1	AX580299	ACCESSION:AX580299
C 901	13.8	0.8	18	E51022	ACCESSION:E51022	974	13.4	0.8	17	1	AX672633	ACCESSION:AX672633
C 902	13.8	0.8	18	I82163	ACCESSION:I82163	975	13.4	0.8	17	1	AX673370	ACCESSION:AX673370
C 903	13.8	0.8	18	AR192884	ACCESSION:AR192884	976	13.4	0.8	17	1	AX688345	ACCESSION:AX688345
C 904	13.8	0.8	18	AR195017	ACCESSION:AR195017	977	13.4	0.8	17	1	AX690454	ACCESSION:AX690454
C 905	13.8	0.8	18	AR217329	ACCESSION:AR217329	978	13.4	0.8	17	1		
C 906	13.8	0.8	18	AR222132	ACCESSION:AR222132	979	13.4	0.8	17	1		
C 907	13.8	0.8	18	AR275345	ACCESSION:AR275345	980	13.4	0.8	17	1		
C 908	13.8	0.8	18	AR326626	ACCESSION:AR326626	981	13.4	0.8	17	1		
C 909	13.8	0.8	18	AR349888	ACCESSION:AR349888	982	13.4	0.8	17	1		

C 691	15	0.9	17	1	BD167907	ACCESSION:BD167907	C 764	14	0.8	14	1	AX048406	ACCESSION:AX048406
C 692	15	0.9	17	1	BD167908	ACCESSION:BD167908	765	14	0.8	14	1	AX827014	ACCESSION:AX827014
C 693	15	0.9	17	1	BD168111	ACCESSION:BD168111	766	14	0.8	14	1	AX839906	ACCESSION:AX839906
C 694	15	0.9	17	1	BD168112	ACCESSION:BD168112	767	14	0.8	14	1	BD073890	ACCESSION:BD073890
C 695	15	0.9	17	1	BD171177	ACCESSION:BD171177	768	14	0.8	14	1	BD084127	ACCESSION:BD084127
C 696	15	0.9	17	1	BD171178	ACCESSION:BD171178	769	14	0.8	14	1	BD096963	ACCESSION:BD096963
C 697	15	0.9	18	1	E32458	ACCESSION:E32458	770	14	0.8	14	1	BD096965	ACCESSION:BD096965
C 698	15	0.9	18	1	E32459	ACCESSION:E32459	771	14	0.8	14	1	BD132850	ACCESSION:BD132850
C 699	15	0.9	18	1	E32461	ACCESSION:E32461	772	14	0.8	14	1	BD176795	ACCESSION:BD176795
C 700	15	0.9	19	1	BD140103	ACCESSION:BD140103	773	14	0.8	14	1	BD176800	ACCESSION:BD176800
C 701	15	0.9	20	1	A46856	ACCESSION:A46856	774	14	0.8	14	1	BD176803	ACCESSION:BD176803
C 702	15	0.9	20	1	AR067594	ACCESSION:AR067594	775	14	0.8	14	1	BD176804	ACCESSION:BD176804
C 703	15	0.9	20	1	AR226053	ACCESSION:AR226053	776	14	0.8	14	1	AR055852	ACCESSION:AR055852
C 704	15	0.9	20	1	AR309844	ACCESSION:AR309844	777	14	0.8	14	1	AR056156	ACCESSION:AR056156
C 705	15	0.9	20	1	AX404077	ACCESSION:AX404077	778	14	0.8	14	1	AR056159	ACCESSION:AR056159
C 706	15	0.9	20	1	AX498246	ACCESSION:AX498246	779	14	0.8	14	1	AR056393	ACCESSION:AR056393
C 707	15	0.9	20	1	BD143136	ACCESSION:BD143136	780	14	0.8	14	1	AR113610	ACCESSION:AR113610
C 708	15	0.9	20	1	AR016068	ACCESSION:AR016068	781	14	0.8	14	1	AR113914	ACCESSION:AR113914
C 709	15	0.8	18	1	AR016069	ACCESSION:AR016069	782	14	0.8	14	1	AR113917	ACCESSION:AR113917
C 710	14.8	0.8	18	1	AR074230	ACCESSION:AR074230	783	14	0.8	14	1	AR114151	ACCESSION:AR114151
C 711	14.8	0.8	18	1	AR074246	ACCESSION:AR074246	784	14	0.8	14	1	I29065	ACCESSION:I29065
C 712	14.8	0.8	18	1	AR074303	ACCESSION:AR074303	785	14	0.8	14	1	I29066	ACCESSION:I29066
C 713	14.8	0.8	18	1	AR075538	ACCESSION:AR075538	786	14	0.8	14	1	I61462	ACCESSION:I61462
C 714	14.8	0.8	18	1	AR075539	ACCESSION:AR075539	787	14	0.8	14	1	AR241870	ACCESSION:AR241870
C 715	14.8	0.8	18	1	AR078882	ACCESSION:AR078882	788	14	0.8	14	1	AX632881	ACCESSION:AX632881
C 716	14.8	0.8	18	1	I20478	ACCESSION:I20478	789	14	0.8	14	1	AX633195	ACCESSION:AX633195
C 717	14.8	0.8	18	1	AR187555	ACCESSION:AR187555	790	14	0.8	14	1	AX633201	ACCESSION:AX633201
C 718	14.8	0.8	18	1	AR215621	ACCESSION:AR215621	791	14	0.8	14	1	AX633299	ACCESSION:AX633299
C 719	14.8	0.8	18	1	AR231295	ACCESSION:AR231295	792	14	0.8	14	1	AX635877	ACCESSION:AX635877
C 720	14.8	0.8	18	1	AR231296	ACCESSION:AR231296	793	14	0.8	14	1	AR002257	ACCESSION:AR002257
C 721	14.8	0.8	18	1	AR306483	ACCESSION:AR306483	794	14	0.8	14	1	AR045207	ACCESSION:AR045207
C 722	14.8	0.8	18	1	AR306484	ACCESSION:AR306484	795	14	0.8	14	1	AR051238	ACCESSION:AR051238
C 723	14.8	0.8	18	1	AR324069	ACCESSION:AR324069	796	14	0.8	14	1	AR089039	ACCESSION:AR089039
C 724	14.8	0.8	18	1	AX032592	ACCESSION:AX032592	797	14	0.8	14	1	AR089052	ACCESSION:AR089052
C 725	14.8	0.8	18	1	AX032608	ACCESSION:AX032608	798	14	0.8	14	1	AR140675	ACCESSION:AR140675
C 726	14.8	0.8	18	1	AX032665	ACCESSION:AX032665	799	14	0.8	14	1	AR140688	ACCESSION:AR140688
C 727	14.8	0.8	18	1	AX082574	ACCESSION:AX082574	800	14	0.8	14	1	I16032	ACCESSION:I16032
C 728	14.8	0.8	18	1	BD088263	ACCESSION:BD088263	801	14	0.8	14	1	I28367	ACCESSION:I28367
C 729	14.8	0.8	18	1	BD169501	ACCESSION:BD169501	802	14	0.8	14	1	AR428275	ACCESSION:AR428275
C 730	14.8	0.8	18	1	BD176184	ACCESSION:BD176184	803	14	0.8	14	1	AR428288	ACCESSION:AR428288
C 731	14.8	0.8	18	1	BD176185	ACCESSION:BD176185	804	14	0.8	14	1	AX359760	ACCESSION:AX359760
C 732	14.8	0.8	18	1	AB069090	ACCESSION:AB069090	805	14	0.8	14	1	AR187060	ACCESSION:AR187060
C 733	14.8	0.8	19	1	AX129282	ACCESSION:AX129282	806	14	0.8	14	1	AR187065	ACCESSION:AR187065
C 734	14.8	0.8	19	1	AX411902	ACCESSION:AX411902	807	14	0.8	14	1	AR323670	ACCESSION:AR323670
C 735	14.4	0.8	16	1	AR137265	ACCESSION:AR137265	808	14	0.8	14	1	AR323675	ACCESSION:AR323675
C 736	14.4	0.8	16	1	BD231248	ACCESSION:BD231248	809	14	0.8	14	1	AX422502	ACCESSION:AX422502
C 737	14.4	0.8	16	1	AX037387	ACCESSION:AX037387	810	14	0.8	14	1	AX531993	ACCESSION:AX531993
C 738	14.4	0.8	16	1	BD075139	ACCESSION:BD075139	811	14	0.8	14	1	AX531997	ACCESSION:AX531997
C 739	14.4	0.8	17	1	AX216921	ACCESSION:AX216921	812	14	0.8	14	1	AX692529	ACCESSION:AX692529
C 740	14.4	0.8	17	1	AX218059	ACCESSION:AX218059	813	14	0.8	14	1	AX724616	ACCESSION:AX724616
C 741	14.4	0.8	17	1	AX422499	ACCESSION:AX422499	814	14	0.8	14	1	AX728102	ACCESSION:AX728102
C 742	14.4	0.8	17	1	AX692522	ACCESSION:AX692522	815	14	0.8	14	1	AX739654	ACCESSION:AX739654
C 743	14.4	0.8	18	1	A63079	ACCESSION:A63079	816	14	0.8	14	1	AX759905	ACCESSION:AX759905
C 744	14.4	0.8	18	1	AR095850	ACCESSION:AR095850	817	14	0.8	14	1	AX762470	ACCESSION:AX762470
C 745	14.4	0.8	18	1	AR266237	ACCESSION:AR266237	818	14	0.8	14	1	BD198714	ACCESSION:BD198714
C 746	14.4	0.8	18	1	AR266856	ACCESSION:AR266856	819	14	0.8	14	1	AX116603	ACCESSION:AX116603
C 747	14.4	0.8	18	1	AR392120	ACCESSION:AR392120	820	14	0.8	14	1	AX661797	ACCESSION:AX661797
C 748	14.4	0.8	18	1	AX115223	ACCESSION:AX115223	821	14	0.8	14	1	AX685128	ACCESSION:AX685128
C 749	14.4	0.8	18	1	DD026980	ACCESSION:DD026980	822	14	0.8	14	1	BD088131	ACCESSION:BD088131
C 750	14.4	0.8	19	1	AR146849	ACCESSION:AR146849	823	14	0.8	14	1	AB068968	ACCESSION:AB068968
C 751	14.4	0.8	19	1	AR393609	ACCESSION:AR393609	824	14	0.8	14	1	AR045403	ACCESSION:AR045403
C 752	14.4	0.8	19	1	AX130721	ACCESSION:AX130721	825	13.8	0.8	17	1	BD241460	ACCESSION:BD241460
C 753	14.4	0.8	19	1	AX659402	ACCESSION:AX659402	826	13.8	0.8	17	1	BD241462	ACCESSION:BD241462
C 754	14.2	0.8	16	1	E52143	ACCESSION:E52143	827	13.8	0.8	17	1	BD254403	ACCESSION:BD254403
C 755	14.2	0.8	16	1	E53842	ACCESSION:E53842	828	13.8	0.8	17	1	BD254477	ACCESSION:BD254477
C 756	14	0.8	14	1	AR029886	ACCESSION:AR029886	829	13.8	0.8	17	1	BD255543	ACCESSION:BD255543
C 757	14	0.8	14	1	AR029887	ACCESSION:AR029887	830	13.8	0.8	17	1	BD255580	ACCESSION:BD255580
C 758	14	0.8	14	1	AR168510	ACCESSION:AR168510	831	13.8	0.8	17	1	BD257671	ACCESSION:BD257671
C 759	14	0.8	14	1	AR174024	ACCESSION:AR174024	832	13.8	0.8	17	1	BD258579	ACCESSION:BD258579
C 760	14	0.8	14	1	BD237464	ACCESSION:BD237464	833	13.8	0.8	17	1	BD258580	ACCESSION:BD258580
C 761	14	0.8	14	1	AR222460	ACCESSION:AR222460	834	13.8	0.8	17	1	BD272764	ACCESSION:BD272764
C 762	14	0.8	14	1	AR364948	ACCESSION:AR364948	835	13.8	0.8	17	1	I52455	ACCESSION:I52455
C 763	14	0.8	14	1	AR364949	ACCESSION:AR364949	836	13.8	0.8	17	1		

C 545	15.4	0.9	17	1	AX692523	ACCESSION:AX692523	618	15	0.9	15	1	AR222461	ACCESSION:AR222461
C 546	15.4	0.9	17	1	AX692524	ACCESSION:AX692524	C 619	15	0.9	15	1	AR266630	ACCESSION:AR266630
C 547	15.4	0.9	17	1	AX723348	ACCESSION:AX723348	C 620	15	0.9	15	1	AR371280	ACCESSION:AR371280
C 548	15.4	0.9	18	1	AR079076	ACCESSION:AR079076	C 621	15	0.9	15	1	AR371281	ACCESSION:AR371281
C 549	15.4	0.9	18	1	E32450	ACCESSION:E32450	C 622	15	0.9	15	1	AR410213	ACCESSION:AR410213
C 550	15.4	0.9	18	1	E32452	ACCESSION:E32452	C 623	15	0.9	15	1	AX004877	ACCESSION:AX004877
C 551	15.4	0.9	18	1	E32453	ACCESSION:E32453	C 624	15	0.9	15	1	AX026066	ACCESSION:AX026066
C 552	15.4	0.9	18	1	E32455	ACCESSION:E32455	C 625	15	0.9	15	1	AX048407	ACCESSION:AX048407
C 553	15.4	0.9	18	1	E32456	ACCESSION:E32456	C 626	15	0.9	15	1	AX106973	ACCESSION:AX106973
C 554	15.4	0.9	18	1	AR264176	ACCESSION:AR264176	C 627	15	0.9	15	1	AX127272	ACCESSION:AX127272
C 555	15.4	0.9	19	1	AR01428	ACCESSION:AR01428	C 628	15	0.9	15	1	AX127273	ACCESSION:AX127273
C 556	15.4	0.9	19	1	AX039283	ACCESSION:AX039283	C 629	15	0.9	15	1	AX180140	ACCESSION:AX180140
C 557	15.4	0.9	20	1	AR086109	ACCESSION:AR086109	C 630	15	0.9	15	1	AX180141	ACCESSION:AX180141
C 558	15.4	0.9	20	1	AR086110	ACCESSION:AR086110	C 631	15	0.9	15	1	AX429224	ACCESSION:AX429224
C 559	15.4	0.9	20	1	AR086111	ACCESSION:AR086111	C 632	15	0.9	15	1	AX525143	ACCESSION:AX525143
C 560	15.4	0.9	20	1	E13187	ACCESSION:E13187	C 633	15	0.9	15	1	AX633197	ACCESSION:AX633197
C 561	15.4	0.9	20	1	E13188	ACCESSION:E13188	C 634	15	0.9	15	1	AX633199	ACCESSION:AX633199
C 562	15.4	0.9	20	1	E13189	ACCESSION:E13189	C 635	15	0.9	15	1	AX696087	ACCESSION:AX696087
C 563	15.4	0.9	20	1	E40060	ACCESSION:E40060	C 636	15	0.9	15	1	AX711176	ACCESSION:AX711176
C 564	15.4	0.9	20	1	E40064	ACCESSION:E40064	C 637	15	0.9	15	1	BD074424	ACCESSION:BD074424
C 565	15.4	0.9	20	1	E40068	ACCESSION:E40068	C 638	15	0.9	15	1	BD084687	ACCESSION:BD084687
C 566	15.4	0.9	20	1	E40872	ACCESSION:E40872	C 639	15	0.9	15	1	BD184668	ACCESSION:BD184668
C 567	15.4	0.9	20	1	E43414	ACCESSION:E43414	C 640	15	0.9	15	1	BD206432	ACCESSION:BD206432
C 568	15.4	0.9	20	1	E43418	ACCESSION:E43418	C 641	15	0.9	15	1	BD209488	ACCESSION:BD209488
C 569	15.4	0.9	20	1	AR231312	ACCESSION:AR231312	C 642	15	0.9	15	1	BD221693	ACCESSION:BD221693
C 570	15.4	0.9	20	1	BD090597	ACCESSION:BD090597	C 643	15	0.9	15	1	AR221694	ACCESSION:AR221694
C 571	15.4	0.9	20	1	BD090601	ACCESSION:BD090601	C 644	15	0.9	15	1	AR221695	ACCESSION:AR221695
C 572	15.4	0.9	20	1	BD090706	ACCESSION:BD090706	C 645	15	0.9	15	1	AR221696	ACCESSION:AR221696
C 573	15.4	0.9	20	1	BD090710	ACCESSION:BD090710	C 646	15	0.9	15	1	AR221697	ACCESSION:AR221697
C 574	15.2	0.9	17	1	AR183309	ACCESSION:AR183309	C 647	15	0.9	15	1	AR221698	ACCESSION:AR221698
C 575	15.2	0.9	17	1	AR429726	ACCESSION:AR429726	C 648	15	0.9	15	1	AR257438	ACCESSION:AR257438
C 576	15.2	0.9	20	1	AR066905	ACCESSION:AR066905	C 649	15	0.9	15	1	AR257439	ACCESSION:AR257439
C 577	15.2	0.9	20	1	AR118884	ACCESSION:AR118884	C 650	15	0.9	15	1	AR257440	ACCESSION:AR257440
C 578	15.2	0.9	20	1	AR123336	ACCESSION:AR123336	C 651	15	0.9	15	1	AR257441	ACCESSION:AR257441
C 579	15.2	0.9	20	1	AR123332	ACCESSION:AR123332	C 652	15	0.9	15	1	AR257442	ACCESSION:AR257442
C 580	15.2	0.9	20	1	BD267704	ACCESSION:BD267704	C 653	15	0.9	15	1	AR257443	ACCESSION:AR257443
C 581	15.2	0.9	20	1	E06099	ACCESSION:E06099	C 654	15	0.9	15	1	AR057478	ACCESSION:AR057478
C 582	15.2	0.9	20	1	E59334	ACCESSION:E59334	C 655	15	0.9	15	1	AR115236	ACCESSION:AR115236
C 583	15.2	0.9	20	1	AR232303	ACCESSION:AR232303	C 656	15	0.9	15	1	BD233654	ACCESSION:BD233654
C 584	15.2	0.9	20	1	AR294828	ACCESSION:AR294828	C 657	15	0.9	15	1	E34258	ACCESSION:E34258
C 585	15.2	0.9	20	1	AR298452	ACCESSION:AR298452	C 658	15	0.9	15	1	AR187061	ACCESSION:AR187061
C 586	15.2	0.9	20	1	AR360403	ACCESSION:AR360403	C 659	15	0.9	15	1	AR187064	ACCESSION:AR187064
C 587	15.2	0.9	20	1	AR360430	ACCESSION:AR360430	C 660	15	0.9	15	1	AR241830	ACCESSION:AR241830
C 588	15.2	0.9	20	1	AR382832	ACCESSION:AR382832	C 661	15	0.9	15	1	AR266625	ACCESSION:AR266625
C 589	15.2	0.9	20	1	AX038279	ACCESSION:AX038279	C 662	15	0.9	15	1	AR323671	ACCESSION:AR323671
C 590	15.2	0.9	20	1	AX048436	ACCESSION:AX048436	C 663	15	0.9	15	1	AR401695	ACCESSION:AR401695
C 591	15.2	0.9	20	1	AX441514	ACCESSION:AX441514	C 664	15	0.9	15	1	AX422500	ACCESSION:AX422500
C 592	15.2	0.9	20	1	AX591245	ACCESSION:AX591245	C 665	15	0.9	15	1	AX422501	ACCESSION:AX422501
C 593	15.2	0.9	20	1	BD102552	ACCESSION:BD102552	C 666	15	0.9	15	1	AX531994	ACCESSION:AX531994
C 594	15.2	0.9	20	1	BD196041	ACCESSION:BD196041	C 667	15	0.9	15	1	AX531995	ACCESSION:AX531995
C 595	15	0.9	15	1	AR029402	ACCESSION:AR029402	C 668	15	0.9	15	1	AX634505	ACCESSION:AX634505
C 596	15	0.9	15	1	AR029403	ACCESSION:AR029403	C 669	15	0.9	15	1	AX692528	ACCESSION:AX692528
C 597	15	0.9	15	1	AR034895	ACCESSION:AR034895	C 670	15	0.9	15	1	BD011730	ACCESSION:BD011730
C 598	15	0.9	15	1	AR034898	ACCESSION:AR034898	C 671	15	0.9	15	1	BD011731	ACCESSION:BD011731
C 599	15	0.9	15	1	AR048768	ACCESSION:AR048768	C 672	15	0.9	15	1	BD067195	ACCESSION:BD067195
C 600	15	0.9	15	1	AR048768	ACCESSION:AR048768	C 673	15	0.9	15	1	BD091742	ACCESSION:BD091742
C 601	15	0.9	15	1	AR049970	ACCESSION:AR049970	C 674	15	0.9	15	1	BD091743	ACCESSION:BD091743
C 602	15	0.9	15	1	AR056157	ACCESSION:AR056157	C 675	15	0.9	15	1	BD091750	ACCESSION:BD091750
C 603	15	0.9	15	1	AR056158	ACCESSION:AR056158	C 676	15	0.9	15	1	BD091751	ACCESSION:BD091751
C 604	15	0.9	15	1	AR080676	ACCESSION:AR080676	C 677	15	0.9	15	1	BD091773	ACCESSION:BD091773
C 605	15	0.9	15	1	AR084516	ACCESSION:AR084516	C 678	15	0.9	15	1	BD091774	ACCESSION:BD091774
C 606	15	0.9	15	1	AR084518	ACCESSION:AR084518	C 679	15	0.9	15	1	BD091775	ACCESSION:BD091775
C 607	15	0.9	15	1	AR084520	ACCESSION:AR084520	C 680	15	0.9	15	1	BD091776	ACCESSION:BD091776
C 608	15	0.9	15	1	AR105981	ACCESSION:AR105981	C 681	15	0.9	15	1	BD091777	ACCESSION:BD091777
C 609	15	0.9	15	1	AR113915	ACCESSION:AR113915	C 682	15	0.9	15	1	BD091778	ACCESSION:BD091778
C 610	15	0.9	15	1	AR113916	ACCESSION:AR113916	C 683	15	0.9	15	1	BD091779	ACCESSION:BD091779
C 611	15	0.9	15	1	AR170375	ACCESSION:AR170375	C 684	15	0.9	15	1	BD097334	ACCESSION:BD097334
C 612	15	0.9	15	1	E08522	ACCESSION:E08522	C 685	15	0.9	15	1	BD097335	ACCESSION:BD097335
C 613	15	0.9	15	1	E12591	ACCESSION:E12591	C 686	15	0.9	15	1	BD142808	ACCESSION:BD142808
C 614	15	0.9	15	1	I29068	ACCESSION:I29068	C 687	15	0.9	15	1	BD142809	ACCESSION:BD142809
C 615	15	0.9	15	1	I38641	ACCESSION:I38641	C 688	15	0.9	15	1	BD143834	ACCESSION:BD143834
C 616	15	0.9	15	1	AR200476	ACCESSION:AR200476	C 689	15	0.9	15	1	BD167835	ACCESSION:BD167835
C 617	15	0.9	15	1	AR200477	ACCESSION:AR200477	C 690	15	0.9	15	1	BD167836	ACCESSION:BD167836

C 399	18	1.0	21	1	AX825135	ACCESSTION:AX825135	C 472	16.8	1.0	20	1	AX078001	ACCESSTION:AX078001
C 400	18	1.0	21	1	AX825136	ACCESSTION:AX825136	C 473	16.4	0.9	18	1	AX361600	ACCESSTION:AX361600
C 401	18	1.0	21	1	AX825137	ACCESSTION:AX825137	C 474	16.4	0.9	18	1	AX814932	ACCESSTION:AX814932
C 402	18	1.0	21	1	AX825138	ACCESSTION:AX825138	C 475	16.4	0.9	20	1	ES9328	ACCESSTION:ES9328
C 403	18	1.0	21	1	AX825139	ACCESSTION:AX825139	C 476	16.4	0.9	20	1	AR311603	ACCESSTION:AR311603
C 404	18	1.0	21	1	AX825140	ACCESSTION:AX825140	C 477	16.2	0.9	21	1	AB8115	ACCESSTION:AB8115
C 405	18	1.0	21	1	AX825141	ACCESSTION:AX825141	C 478	16.2	0.9	21	1	AB0082	ACCESSTION:AB0082
C 406	18	1.0	21	1	AX825142	ACCESSTION:AX825142	C 479	16.2	0.9	21	1	BD065628	ACCESSTION:BD065628
C 407	18	1.0	22	1	AR164318	ACCESSTION:AR164318	C 480	16	0.9	16	1	AR027678	ACCESSTION:AR027678
C 408	18	1.0	22	1	AR164319	ACCESSTION:AR164319	C 481	16	0.9	16	1	AR037355	ACCESSTION:AR037355
C 409	18	1.0	22	1	131810	ACCESSTION:131810	C 482	16	0.9	16	1	AR104584	ACCESSTION:AR104584
C 410	18	1.0	22	1	131811	ACCESSTION:131811	C 483	16	0.9	16	1	AR175845	ACCESSTION:AR175845
C 411	18	1.0	22	1	169407	ACCESSTION:169407	C 484	16	0.9	16	1	138676	ACCESSTION:138676
C 412	18	1.0	22	1	169408	ACCESSTION:169408	C 485	16	0.9	16	1	138682	ACCESSTION:138682
C 413	18	1.0	23	1	BD245228	ACCESSTION:BD245228	C 486	16	0.9	16	1	138700	ACCESSTION:138700
C 414	18	1.0	23	1	AX052993	ACCESSTION:AX052993	C 487	16	0.9	16	1	AR221692	ACCESSTION:AR221692
C 415	18	1.0	23	1	AX053002	ACCESSTION:AX053002	C 488	16	0.9	16	1	AR222462	ACCESSTION:AR222462
C 416	18	1.0	23	1	AX394607	ACCESSTION:AX394607	C 489	16	0.9	16	1	AR257437	ACCESSTION:AR257437
C 417	18	1.0	24	1	AR168453	ACCESSTION:AR168453	C 490	16	0.9	16	1	AX039049	ACCESSTION:AX039049
C 418	18	1.0	24	1	AX394609	ACCESSTION:AX394609	C 491	16	0.9	16	1	AX235176	ACCESSTION:AX235176
C 419	17.4	1.0	20	1	AR030917	ACCESSTION:AR030917	C 492	16	0.9	16	1	BD167413	ACCESSTION:BD167413
C 420	17.4	1.0	20	1	128309	ACCESSTION:128309	C 493	16	0.9	16	1	BD167414	ACCESSTION:BD167414
C 421	17.4	1.0	20	1	147310	ACCESSTION:147310	C 494	16	0.9	17	1	AR172076	ACCESSTION:AR172076
C 422	17.4	1.0	20	1	AR371268	ACCESSTION:AR371268	C 495	16	0.9	17	1	AR173367	ACCESSTION:AR173367
C 423	17.4	1.0	23	1	BD245234	ACCESSTION:BD245234	C 496	16	0.9	17	1	EA4260	ACCESSTION:EA4260
C 424	17.4	1.0	23	1	BD245242	ACCESSTION:BD245242	C 497	16	0.9	17	1	EA9657	ACCESSTION:EA9657
C 425	17.4	1.0	23	1	AX496104	ACCESSTION:AX496104	C 498	16	0.9	17	1	AR187062	ACCESSTION:AR187062
C 426	17.2	1.0	19	1	AR163080	ACCESSTION:AR163080	C 499	16	0.9	17	1	AR187063	ACCESSTION:AR187063
C 427	17.2	1.0	19	1	EA08331	ACCESSTION:EA08331	C 500	16	0.9	17	1	AR256849	ACCESSTION:AR256849
C 428	17.2	1.0	20	1	EA08332	ACCESSTION:EA08332	C 501	16	0.9	17	1	AR266626	ACCESSTION:AR266626
C 429	17.2	1.0	21	1	EA08333	ACCESSTION:EA08333	C 502	16	0.9	17	1	AR323672	ACCESSTION:AR323672
C 430	17.2	1.0	22	1	AR074228	ACCESSTION:AR074228	C 503	16	0.9	17	1	AR323673	ACCESSTION:AR323673
C 431	17.2	1.0	22	1	AR074236	ACCESSTION:AR074236	C 504	16	0.9	17	1	AX361606	ACCESSTION:AX361606
C 432	17.2	1.0	22	1	AR074302	ACCESSTION:AR074302	C 505	16	0.9	17	1	AX692525	ACCESSTION:AX692525
C 433	17.2	1.0	22	1	AR074309	ACCESSTION:AR074309	C 506	16	0.9	17	1	AX692527	ACCESSTION:AX692527
C 434	17.2	1.0	22	1	AX032590	ACCESSTION:AX032590	C 507	16	0.9	17	1	AX814938	ACCESSTION:AX814938
C 435	17.2	1.0	22	1	AX032598	ACCESSTION:AX032598	C 508	16	0.9	17	1	BD011732	ACCESSTION:BD011732
C 436	17.2	1.0	22	1	AX032664	ACCESSTION:AX032664	C 509	16	0.9	17	1	BD091744	ACCESSTION:BD091744
C 437	17.2	1.0	22	1	AX032671	ACCESSTION:AX032671	C 510	16	0.9	17	1	BD091752	ACCESSTION:BD091752
C 438	17.2	1.0	22	1	AX103869	ACCESSTION:AX103869	C 511	16	0.9	17	1	BD097336	ACCESSTION:BD097336
C 439	17.2	1.0	22	1	AX457060	ACCESSTION:AX457060	C 512	16	0.9	17	1	BD097375	ACCESSTION:BD097375
C 440	17.2	1.0	22	1	AX546922	ACCESSTION:AX546922	C 513	16	0.9	17	1	BD142810	ACCESSTION:BD142810
C 441	17.2	1.0	22	1	AX28997	ACCESSTION:AX28997	C 514	16	0.9	17	1	BD143836	ACCESSTION:BD143836
C 442	17.2	1.0	22	1	AR104585	ACCESSTION:AR104585	C 515	16	0.9	17	1	BD167837	ACCESSTION:BD167837
C 443	17.2	1.0	22	1	AR141074	ACCESSTION:AR141074	C 516	16	0.9	17	1	BD167909	ACCESSTION:BD167909
C 444	17.2	1.0	22	1	AR175846	ACCESSTION:AR175846	C 517	16	0.9	17	1	BD168113	ACCESSTION:BD168113
C 445	17.2	1.0	22	1	AR222463	ACCESSTION:AR222463	C 518	16	0.9	17	1	BD171179	ACCESSTION:BD171179
C 446	17.2	1.0	22	1	AR236087	ACCESSTION:AR236087	C 519	16	0.9	18	1	E32451	ACCESSTION:E32451
C 447	17.2	1.0	22	1	AX692526	ACCESSTION:AX692526	C 520	16	0.9	18	1	E32457	ACCESSTION:E32457
C 448	17.2	1.0	22	1	AX728616	ACCESSTION:AX728616	C 521	16	0.9	18	1	E32460	ACCESSTION:E32460
C 449	17.2	1.0	22	1	AX758974	ACCESSTION:AX758974	C 522	16	0.9	18	1	AR208427	ACCESSTION:AR208427
C 450	17.2	1.0	22	1	AX14689	ACCESSTION:AX14689	C 523	16	0.9	18	1	AX085253	ACCESSTION:AX085253
C 451	17.2	1.0	22	1	E32454	ACCESSTION:E32454	C 524	16	0.9	20	1	AX394603	ACCESSTION:AX394603
C 452	17.2	1.0	22	1	AR208445	ACCESSTION:AR208445	C 525	16	0.9	21	1	AR142678	ACCESSTION:AR142678
C 453	17.2	1.0	22	1	AX028843	ACCESSTION:AX028843	C 526	16	0.9	21	1	E28097	ACCESSTION:E28097
C 454	17.2	1.0	22	1	AX028844	ACCESSTION:AX028844	C 527	16	0.9	21	1	AX153987	ACCESSTION:AX153987
C 455	17.2	1.0	22	1	AX085251	ACCESSTION:AX085251	C 528	16	0.9	21	1	AX394604	ACCESSTION:AX394604
C 456	17.2	1.0	22	1	BD190553	ACCESSTION:BD190553	C 529	16	0.9	21	1	AX130720	ACCESSTION:AX130720
C 457	17.2	1.0	22	1	A79657	ACCESSTION:A79657	C 530	16	0.9	20	1	AR062657	ACCESSTION:AR062657
C 458	17.2	1.0	22	1	AR147331	ACCESSTION:AR147331	C 531	16	0.9	20	1	AR104760	ACCESSTION:AR104760
C 459	17.2	1.0	22	1	BD161924	ACCESSTION:BD161924	C 532	16	0.9	20	1	AR105582	ACCESSTION:AR105582
C 460	16.8	1.0	20	1	AR074229	ACCESSTION:AR074229	C 533	16	0.9	20	1	AR122344	ACCESSTION:AR122344
C 461	16.8	1.0	20	1	AR074237	ACCESSTION:AR074237	C 534	16	0.9	20	1	120659	ACCESSTION:120659
C 462	16.8	1.0	20	1	AR074306	ACCESSTION:AR074306	C 535	16	0.9	20	1	AR370582	ACCESSTION:AR370582
C 463	16.8	1.0	20	1	AR074310	ACCESSTION:AR074310	C 536	16	0.9	20	1	AX148814	ACCESSTION:AX148814
C 464	16.8	1.0	20	1	AR126639	ACCESSTION:AR126639	C 537	16	0.9	20	1	AX184029	ACCESSTION:AX184029
C 465	16.8	1.0	20	1	AR126677	ACCESSTION:AR126677	C 538	16	0.9	20	1	AX495922	ACCESSTION:AX495922
C 466	16.8	1.0	20	1	E28096	ACCESSTION:E28096	C 539	16	0.9	20	1	AR298736	ACCESSTION:AR298736
C 467	16.8	1.0	20	1	E28096	ACCESSTION:E28096	C 540	16	0.9	21	1	AX038516	ACCESSTION:AX038516
C 468	16.8	1.0	20	1	AX032591	ACCESSTION:AX032591	C 541	16	0.9	21	1	BD217905	ACCESSTION:BD217905
C 469	16.8	1.0	20	1	AX032599	ACCESSTION:AX032599	C 542	16	0.9	17	1	AX216922	ACCESSTION:AX216922
C 470	16.8	1.0	20	1	AX032668	ACCESSTION:AX032668	C 543	16	0.9	17	1	AX423131	ACCESSTION:AX423131
C 471	16.8	1.0	20	1	AX032672	ACCESSTION:AX032672	C 544	16	0.9	17	1		

C 253	19	1.1	19	1	BD274439	ACCESSION:BD274439	C 325	18.4	1.0	20	1	AR140280	ACCESSION:AR140280
C 254	19	1.1	19	1	BD274440	ACCESSION:BD274440	C 327	18.4	1.0	20	1	AR140281	ACCESSION:AR140281
C 255	19	1.1	19	1	BD274441	ACCESSION:BD274441	C 328	18.4	1.0	20	1	AR140558	ACCESSION:AR140558
C 256	19	1.1	19	1	BD274449	ACCESSION:BD274449	C 329	18.4	1.0	20	1	AR140559	ACCESSION:AR140559
C 257	19	1.1	19	1	AR205798	ACCESSION:AR205798	C 330	18.4	1.0	20	1	AR211367	ACCESSION:AR211367
C 258	19	1.1	19	1	AR205799	ACCESSION:AR205799	C 331	18.4	1.0	20	1	AX067205	ACCESSION:AX067205
C 259	19	1.1	19	1	AR205800	ACCESSION:AR205800	C 332	18.4	1.0	20	1	AX136903	ACCESSION:AX136903
C 260	19	1.1	19	1	AR205801	ACCESSION:AR205801	C 333	18.4	1.0	20	1	AR241831	ACCESSION:AR241831
C 261	19	1.1	19	1	AR205809	ACCESSION:AR205809	C 334	18.4	1.0	21	1	AX825104	ACCESSION:AX825104
C 262	19	1.1	19	1	AR213490	ACCESSION:AR213490	C 335	18.4	1.0	21	1	AX825105	ACCESSION:AX825105
C 263	19	1.1	19	1	AR213491	ACCESSION:AR213491	C 336	18.4	1.0	21	1	AX825106	ACCESSION:AX825106
C 264	19	1.1	19	1	AR213492	ACCESSION:AR213492	C 337	18.4	1.0	21	1	AX825107	ACCESSION:AX825107
C 265	19	1.1	19	1	AR213493	ACCESSION:AR213493	C 338	18.4	1.0	21	1	AX825108	ACCESSION:AX825108
C 266	19	1.1	19	1	AR213494	ACCESSION:AR213494	C 339	18.4	1.0	21	1	AX825109	ACCESSION:AX825109
C 267	19	1.1	19	1	AR213495	ACCESSION:AR213495	C 340	18.4	1.0	21	1	AX825117	ACCESSION:AX825117
C 268	19	1.1	19	1	AR213496	ACCESSION:AR213496	C 341	18.4	1.0	21	1	AX825118	ACCESSION:AX825118
C 269	19	1.1	19	1	AR213497	ACCESSION:AR213497	C 342	18.4	1.0	21	1	AX825139	ACCESSION:AX825139
C 270	19	1.1	19	1	AR213501	ACCESSION:AR213501	C 343	18.4	1.0	21	1	AX825140	ACCESSION:AX825140
C 271	19	1.1	19	1	AR213502	ACCESSION:AR213502	C 344	18.4	1.0	21	1	AX825141	ACCESSION:AX825141
C 272	19	1.1	19	1	AR213503	ACCESSION:AR213503	C 345	18.4	1.0	21	1	AX825149	ACCESSION:AX825149
C 273	19	1.1	19	1	AR213512	ACCESSION:AR213512	C 346	18.4	1.0	21	1	AX825150	ACCESSION:AX825150
C 274	19	1.1	19	1	AR222465	ACCESSION:AR222465	C 347	18.4	1.0	22	1	AX478523	ACCESSION:AX478523
C 275	19	1.1	19	1	AR237463	ACCESSION:AR237463	C 348	18.4	1.0	23	1	BD244863	ACCESSION:BD244863
C 276	19	1.1	19	1	AR321589	ACCESSION:AR321589	C 349	18.4	1.0	23	1	AX053001	ACCESSION:AX053001
C 277	19	1.1	19	1	AR359804	ACCESSION:AR359804	C 350	18.4	1.0	23	1	AX053001	ACCESSION:AX053001
C 278	19	1.1	19	1	AR359805	ACCESSION:AR359805	C 351	18.2	1.0	19	1	AR102020	ACCESSION:AR102020
C 279	19	1.1	19	1	AR359806	ACCESSION:AR359806	C 352	18.2	1.0	19	1	AR134802	ACCESSION:AR134802
C 280	19	1.1	19	1	AR367447	ACCESSION:AR367447	C 353	18.2	1.0	20	1	E28098	ACCESSION:E28098
C 281	19	1.1	19	1	AR399177	ACCESSION:AR399177	C 354	18	1.0	18	1	AR034896	ACCESSION:AR034896
C 282	19	1.1	19	1	AR399178	ACCESSION:AR399178	C 355	18	1.0	18	1	AR034899	ACCESSION:AR034899
C 283	19	1.1	19	1	AR403601	ACCESSION:AR403601	C 356	18	1.0	18	1	AR097570	ACCESSION:AR097570
C 284	19	1.1	19	1	AR403602	ACCESSION:AR403602	C 357	18	1.0	18	1	AR097579	ACCESSION:AR097579
C 285	19	1.1	19	1	AR403603	ACCESSION:AR403603	C 358	18	1.0	18	1	AR106506	ACCESSION:AR106506
C 286	19	1.1	19	1	AR403604	ACCESSION:AR403604	C 359	18	1.0	18	1	E28535	ACCESSION:E28535
C 287	19	1.1	19	1	AR403605	ACCESSION:AR403605	C 360	18	1.0	18	1	E28536	ACCESSION:E28536
C 288	19	1.1	19	1	AR403606	ACCESSION:AR403606	C 361	18	1.0	18	1	E28537	ACCESSION:E28537
C 289	19	1.1	19	1	AR403607	ACCESSION:AR403607	C 362	18	1.0	18	1	AR208426	ACCESSION:AR208426
C 290	19	1.1	19	1	AR403608	ACCESSION:AR403608	C 363	18	1.0	18	1	AR215435	ACCESSION:AR215435
C 291	19	1.1	19	1	AR403612	ACCESSION:AR403612	C 364	18	1.0	18	1	AR222464	ACCESSION:AR222464
C 292	19	1.1	19	1	AR403613	ACCESSION:AR403613	C 365	18	1.0	18	1	AR412363	ACCESSION:AR412363
C 293	19	1.1	19	1	AR403614	ACCESSION:AR403614	C 366	18	1.0	18	1	AX004875	ACCESSION:AX004875
C 294	19	1.1	19	1	AR403623	ACCESSION:AR403623	C 367	18	1.0	18	1	AX004877	ACCESSION:AX004877
C 295	19	1.1	19	1	AR412338	ACCESSION:AR412338	C 368	18	1.0	18	1	AX008117	ACCESSION:AX008117
C 296	19	1.1	19	1	AR432616	ACCESSION:AR432616	C 369	18	1.0	18	1	AX008118	ACCESSION:AX008118
C 297	19	1.1	19	1	AX349249	ACCESSION:AX349249	C 370	18	1.0	18	1	AX008122	ACCESSION:AX008122
C 298	19	1.1	19	1	BD087505	ACCESSION:BD087505	C 371	18	1.0	18	1	AX008123	ACCESSION:AX008123
C 299	19	1.1	19	1	BD196900	ACCESSION:BD196900	C 372	18	1.0	18	1	AX028845	ACCESSION:AX028845
C 300	19	1.1	19	1	AR139960	ACCESSION:AR139960	C 373	18	1.0	18	1	AX047271	ACCESSION:AX047271
C 301	19	1.1	19	1	AR140279	ACCESSION:AR140279	C 374	18	1.0	18	1	AX047273	ACCESSION:AX047273
C 302	19	1.1	19	1	AR140557	ACCESSION:AR140557	C 375	18	1.0	18	1	AX085252	ACCESSION:AX085252
C 303	19	1.1	19	1	AR118155	ACCESSION:AR118155	C 376	18	1.0	18	1	AX104721	ACCESSION:AX104721
C 304	19	1.1	19	1	184433	ACCESSION:184433	C 377	18	1.0	18	1	AX104747	ACCESSION:AX104747
C 305	19	1.1	19	1	AX825120	ACCESSION:AX825120	C 378	18	1.0	18	1	AX105651	ACCESSION:AX105651
C 306	19	1.1	19	1	AX825121	ACCESSION:AX825121	C 379	18	1.0	18	1	AX108642	ACCESSION:AX108642
C 307	19	1.1	19	1	AX825122	ACCESSION:AX825122	C 380	18	1.0	18	1	AX268883	ACCESSION:AX268883
C 308	19	1.1	19	1	AX825124	ACCESSION:AX825124	C 381	18	1.0	18	1	AX355809	ACCESSION:AX355809
C 309	19	1.1	19	1	AX825125	ACCESSION:AX825125	C 382	18	1.0	18	1	AX547774	ACCESSION:AX547774
C 310	19	1.1	19	1	AX825128	ACCESSION:AX825128	C 383	18	1.0	18	1	AX547800	ACCESSION:AX547800
C 311	19	1.1	19	1	AX825129	ACCESSION:AX825129	C 384	18	1.0	18	1	AX814716	ACCESSION:AX814716
C 312	19	1.1	19	1	AX825130	ACCESSION:AX825130	C 385	18	1.0	18	1	AX814723	ACCESSION:AX814723
C 313	19	1.1	19	1	AX825133	ACCESSION:AX825133	C 386	18	1.0	18	1	AX814724	ACCESSION:AX814724
C 314	19	1.1	19	1	AX825159	ACCESSION:AX825159	C 387	18	1.0	18	1	AX814725	ACCESSION:AX814725
C 315	19	1.1	19	1	AX825161	ACCESSION:AX825161	C 388	18	1.0	18	1	AX814736	ACCESSION:AX814736
C 316	19	1.1	19	1	BD085544	ACCESSION:BD085544	C 389	18	1.0	18	1	BD085545	ACCESSION:BD085545
C 317	19	1.1	19	1	BD245230	ACCESSION:BD245230	C 390	18	1.0	18	1	BD222596	ACCESSION:BD222596
C 318	19	1.1	19	1	AR431312	ACCESSION:AR431312	C 391	18	1.0	19	1	AR432617	ACCESSION:AR432617
C 319	19	1.1	19	1	BD097127	ACCESSION:BD097127	C 392	18	1.0	20	1	BD234126	ACCESSION:BD234126
C 320	19	1.1	19	1	BD161931	ACCESSION:BD161931	C 393	18	1.0	21	1	AX095299	ACCESSION:AX095299
C 321	19	1.1	19	1	AX196979	ACCESSION:AX196979	C 394	18	1.0	21	1	AX095303	ACCESSION:AX095303
C 322	18.8	1.1	24	1	AR431308	ACCESSION:AR431308	C 395	18	1.0	21	1	AX825111	ACCESSION:AX825111
C 323	18.8	1.1	25	1	AR431319	ACCESSION:AR431319	C 396	18	1.0	21	1	AX825112	ACCESSION:AX825112
C 324	18.4	1.0	20	1	AR139961	ACCESSION:AR139961	C 397	18	1.0	21	1	AX825113	ACCESSION:AX825113
C 325	18.4	1.0	20	1	AR139962	ACCESSION:AR139962	C 398	18	1.0	21	1	AX825114	ACCESSION:AX825114

C 107	20	1.1	20	1	E12676	ACCESSTION:E12676	C 180	19.4	1.1	21	1	AX825147	ACCESSTION:AX825147
C 108	20	1.1	20	1	I36180	ACCESSTION:I36180	C 181	19.4	1.1	21	1	AX825148	ACCESSTION:AX825148
C 109	20	1.1	20	1	AR213738	ACCESSTION:AR213738	C 182	19.4	1.1	21	1	AX825149	ACCESSTION:AX825149
C 110	20	1.1	20	1	AR222466	ACCESSTION:AR222466	C 183	19.4	1.1	21	1	AX825150	ACCESSTION:AX825150
C 111	20	1.1	20	1	AR236083	ACCESSTION:AR236083	C 184	19.4	1.1	21	1	AX825151	ACCESSTION:AX825151
C 112	20	1.1	20	1	AR274394	ACCESSTION:AR274394	C 185	19.4	1.1	21	1	AX825152	ACCESSTION:AX825152
C 113	20	1.1	20	1	AR343047	ACCESSTION:AR343047	C 186	19.4	1.1	21	1	AX825153	ACCESSTION:AX825153
C 114	20	1.1	20	1	AR344936	ACCESSTION:AR344936	C 187	19.4	1.1	21	1	AX825154	ACCESSTION:AX825154
C 115	20	1.1	20	1	AR365970	ACCESSTION:AR365970	C 188	19.4	1.1	21	1	AX825155	ACCESSTION:AX825155
C 116	20	1.1	20	1	AR382312	ACCESSTION:AR382312	C 189	19.4	1.1	21	1	AX825156	ACCESSTION:AX825156
C 117	20	1.1	20	1	AR429653	ACCESSTION:AR429653	C 190	19.2	1.1	24	1	AX708815	ACCESSTION:AX708815
C 118	20	1.1	20	1	AX004876	ACCESSTION:AX004876	C 191	19.2	1.1	24	1	AR074237	ACCESSTION:AR074237
C 119	20	1.1	20	1	AX045779	ACCESSTION:AX045779	C 192	19.2	1.1	24	1	AR074235	ACCESSTION:AR074235
C 120	20	1.1	20	1	AX045787	ACCESSTION:AX045787	C 193	19.2	1.1	24	1	AR074301	ACCESSTION:AR074301
C 121	20	1.1	20	1	AX045790	ACCESSTION:AX045790	C 194	19.2	1.1	24	1	AR074308	ACCESSTION:AR074308
C 122	20	1.1	20	1	AX104034	ACCESSTION:AX104034	C 195	19.2	1.1	24	1	AR094555	ACCESSTION:AR094555
C 123	20	1.1	20	1	AX104364	ACCESSTION:AX104364	C 196	19.2	1.1	24	1	I20473	ACCESSTION:I20473
C 124	20	1.1	20	1	AX104368	ACCESSTION:AX104368	C 197	19.2	1.1	24	1	AR077272	ACCESSTION:AR077272
C 125	20	1.1	20	1	AX196224	ACCESSTION:AX196224	C 198	19.2	1.1	24	1	AR077275	ACCESSTION:AR077275
C 126	20	1.1	20	1	AX196239	ACCESSTION:AX196239	C 199	19.2	1.1	24	1	AR077277	ACCESSTION:AR077277
C 127	20	1.1	20	1	AX354974	ACCESSTION:AX354974	C 200	19.2	1.1	24	1	AX032589	ACCESSTION:AX032589
C 128	20	1.1	20	1	AX355810	ACCESSTION:AX355810	C 201	19.2	1.1	24	1	AX032597	ACCESSTION:AX032597
C 129	20	1.1	20	1	AX355811	ACCESSTION:AX355811	C 202	19.2	1.1	24	1	AX032663	ACCESSTION:AX032663
C 130	20	1.1	20	1	AX440125	ACCESSTION:AX440125	C 203	19.2	1.1	24	1	AR074225	ACCESSTION:AR074225
C 131	20	1.1	20	1	AX440140	ACCESSTION:AX440140	C 204	19.2	1.1	25	1	AR074226	ACCESSTION:AR074226
C 132	20	1.1	20	1	AX465311	ACCESSTION:AX465311	C 205	19.2	1.1	25	1	BD244864	ACCESSTION:BD244864
C 133	20	1.1	20	1	AX465326	ACCESSTION:AX465326	C 206	19.2	1.1	25	1	AX032587	ACCESSTION:AX032587
C 134	20	1.1	20	1	AX547087	ACCESSTION:AX547087	C 207	19.2	1.1	25	1	AX032588	ACCESSTION:AX032588
C 135	20	1.1	20	1	AX547417	ACCESSTION:AX547417	C 208	19.2	1.1	25	1	AX042937	ACCESSTION:AX042937
C 136	20	1.1	20	1	AX547421	ACCESSTION:AX547421	C 209	19.2	1.1	25	1	AX043114	ACCESSTION:AX043114
C 137	20	1.1	20	1	AX556124	ACCESSTION:AX556124	C 210	19.2	1.1	25	1	AX68209	ACCESSTION:AX68209
C 138	20	1.1	20	1	AX556139	ACCESSTION:AX556139	C 211	19.2	1.1	25	1	AR048767	ACCESSTION:AR048767
C 139	20	1.1	20	1	AX664307	ACCESSTION:AX664307	C 212	19.2	1.1	25	1	AR111371	ACCESSTION:AR111371
C 140	20	1.1	20	1	AX664308	ACCESSTION:AX664308	C 213	19.2	1.1	25	1	AR111371	ACCESSTION:AR111371
C 141	20	1.1	20	1	AX741040	ACCESSTION:AX741040	C 214	19.2	1.1	25	1	AR111947	ACCESSTION:AR111947
C 142	20	1.1	20	1	BD008523	ACCESSTION:BD008523	C 215	19.2	1.1	25	1	AR111948	ACCESSTION:AR111948
C 143	20	1.1	20	1	BD008522	ACCESSTION:BD008522	C 216	19.2	1.1	25	1	AR111949	ACCESSTION:AR111949
C 144	20	1.1	20	1	BD107450	ACCESSTION:BD107450	C 217	19.2	1.1	25	1	AR111950	ACCESSTION:AR111950
C 145	20	1.1	20	1	BD107450	ACCESSTION:BD107450	C 218	19.2	1.1	25	1	AR111951	ACCESSTION:AR111951
C 146	20	1.1	20	1	BD218101	ACCESSTION:BD218101	C 219	19.2	1.1	25	1	AR111952	ACCESSTION:AR111952
C 147	20	1.1	20	1	AR0808294	ACCESSTION:AR0808294	C 220	19.2	1.1	25	1	AR111953	ACCESSTION:AR111953
C 148	20	1.1	20	1	AR084521	ACCESSTION:AR084521	C 221	19.2	1.1	25	1	AR111957	ACCESSTION:AR111957
C 149	20	1.1	20	1	AR084524	ACCESSTION:AR084524	C 222	19.2	1.1	25	1	AR111959	ACCESSTION:AR111959
C 150	20	1.1	20	1	AR093143	ACCESSTION:AR093143	C 223	19.2	1.1	25	1	AR111960	ACCESSTION:AR111960
C 151	20	1.1	20	1	AR095412	ACCESSTION:AR095412	C 224	19.2	1.1	25	1	AR111970	ACCESSTION:AR111970
C 152	20	1.1	20	1	AR153849	ACCESSTION:AR153849	C 225	19.2	1.1	25	1	AR124843	ACCESSTION:AR124843
C 153	20	1.1	20	1	I36166	ACCESSTION:I36166	C 226	19.2	1.1	25	1	AR124844	ACCESSTION:AR124844
C 154	20	1.1	20	1	I65744	ACCESSTION:I65744	C 227	19.2	1.1	25	1	AR124845	ACCESSTION:AR124845
C 155	20	1.1	20	1	AR322245	ACCESSTION:AR322245	C 228	19.2	1.1	25	1	AR124846	ACCESSTION:AR124846
C 156	20	1.1	20	1	AX104720	ACCESSTION:AX104720	C 229	19.2	1.1	25	1	AR124847	ACCESSTION:AR124847
C 157	20	1.1	20	1	AX355812	ACCESSTION:AX355812	C 230	19.2	1.1	25	1	AR124848	ACCESSTION:AR124848
C 158	20	1.1	20	1	AX547773	ACCESSTION:AX547773	C 231	19.2	1.1	25	1	AR124849	ACCESSTION:AR124849
C 159	20	1.1	20	1	AX825132	ACCESSTION:AX825132	C 232	19.2	1.1	25	1	AR124850	ACCESSTION:AR124850
C 160	20	1.1	20	1	AX825133	ACCESSTION:AX825133	C 233	19.2	1.1	25	1	AR124854	ACCESSTION:AR124854
C 161	20	1.1	20	1	AX825134	ACCESSTION:AX825134	C 234	19.2	1.1	25	1	AR124856	ACCESSTION:AR124856
C 162	20	1.1	20	1	AX825135	ACCESSTION:AX825135	C 235	19.2	1.1	25	1	AR124857	ACCESSTION:AR124857
C 163	20	1.1	20	1	AX825155	ACCESSTION:AX825155	C 236	19.2	1.1	25	1	AR124867	ACCESSTION:AR124867
C 164	20	1.1	20	1	AX825156	ACCESSTION:AX825156	C 237	19.2	1.1	25	1	AR135291	ACCESSTION:AR135291
C 165	20	1.1	20	1	AX825163	ACCESSTION:AX825163	C 238	19.2	1.1	25	1	AR135292	ACCESSTION:AR135292
C 166	20	1.1	20	1	AX825165	ACCESSTION:AX825165	C 239	19.2	1.1	25	1	AR135293	ACCESSTION:AR135293
C 167	20	1.1	20	1	BD080832	ACCESSTION:BD080832	C 240	19.2	1.1	25	1	AR135294	ACCESSTION:AR135294
C 168	20	1.1	20	1	BD087491	ACCESSTION:BD087491	C 241	19.2	1.1	25	1	AR135295	ACCESSTION:AR135295
C 169	20	1.1	20	1	BD224108	ACCESSTION:BD224108	C 242	19.2	1.1	25	1	AR135296	ACCESSTION:AR135296
C 170	20	1.1	20	1	AX825103	ACCESSTION:AX825103	C 243	19.2	1.1	25	1	AR135297	ACCESSTION:AR135297
C 171	20	1.1	20	1	AX825110	ACCESSTION:AX825110	C 244	19.2	1.1	25	1	AR135298	ACCESSTION:AR135298
C 172	20	1.1	20	1	AX825111	ACCESSTION:AX825111	C 245	19.2	1.1	25	1	AR135300	ACCESSTION:AR135300
C 173	20	1.1	20	1	AX825116	ACCESSTION:AX825116	C 246	19.2	1.1	25	1	AR135302	ACCESSTION:AR135302
C 174	20	1.1	20	1	AX825119	ACCESSTION:AX825119	C 247	19.2	1.1	25	1	AR135304	ACCESSTION:AR135304
C 175	20	1.1	20	1	AX825123	ACCESSTION:AX825123	C 248	19.2	1.1	25	1	AR135305	ACCESSTION:AR135305
C 176	20	1.1	20	1	AX825126	ACCESSTION:AX825126	C 249	19.2	1.1	25	1	AR135315	ACCESSTION:AR135315
C 177	20	1.1	20	1	AX825127	ACCESSTION:AX825127	C 250	19.2	1.1	25	1	AR141898	ACCESSTION:AR141898
C 178	20	1.1	20	1	AX825142	ACCESSTION:AX825142	C 251	19.2	1.1	25	1	AR164173	ACCESSTION:AR164173
C 179	20	1.1	20	1	AX825142	ACCESSTION:AX825142	C 252	19.2	1.1	25	1	BD274438	ACCESSTION:BD274438

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OM nucleic - nucleic search, using sw model

Run on: August 16, 2004, 15:19:10 ; Search time 23 Seconds
(without alignments)
3.723 Million cell updates/sec

Title: us-10-008-789-3

Perfect score: 1755

Sequence: 1 ccgcggcgaggtcccaaaa.....aaaaaaaaaaaaaaaaaaaaa 1755

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 1330 seqs, 24398 residues

Total number of hits satisfying chosen parameters: 2660

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1334 summaries

Database : rgedb.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match length	ID	Description
1	24.2	1.4	29 1	HSN241944
2	22.4	1.3	24 1	AR261539
3	21.4	1.2	24 1	BD196419
4	21.4	1.2	25 1	BD056964
5	21.4	1.2	25 1	ARI74581
6	21.4	1.2	26 1	BD248974
7	21.4	1.2	26 1	I79494
8	21.4	1.2	26 1	AR263648
9	21.4	1.2	26 1	AR374073
10	21.4	1.2	26 1	AX106717
11	21.4	1.2	27 1	AR241865
12	21	1.2	21 1	AX825131
13	21	1.2	21 1	AX825158
14	21	1.2	21 1	AX825164
15	21	1.2	24 1	AX817782
16	21	1.2	24 1	AX838369
17	21	1.2	25 1	I29929
18	21	1.2	25 1	AX338548
19	21	1.2	25 1	AX394507
20	21	1.2	25 1	AX394514
21	21	1.2	26 1	I79496
22	21	1.2	26 1	AX338547
23	21	1.2	26 1	BD192375
24	20.6	1.2	24 1	AX391871
25	20.6	1.2	26 1	BD237566
26	20.6	1.2	26 1	AR257336
27	20.6	1.2	26 1	AR263647
28	20.6	1.2	26 1	AX814950
29	20.6	1.2	26 1	BD062456
30	20.6	1.2	27 1	AX327980
31	20.6	1.2	27 1	AX513052
32	20.6	1.2	27 1	AX711956
33	20.4	1.2	22 1	ARI64336

34	20.4	1.2	22 1	131928	ACCESSION:131828
35	20.4	1.2	22 1	169425	ACCESSION:169425
36	20.4	1.2	23 1	BD244857	ACCESSION:BD244857
37	20.4	1.2	24 1	AR010037	ACCESSION:AR010037
38	20.4	1.2	24 1	AR034772	ACCESSION:AR034772
39	20.4	1.2	24 1	AR068465	ACCESSION:AR068465
40	20.4	1.2	24 1	ARI05984	ACCESSION:ARI05984
41	20.4	1.2	24 1	ARI07972	ACCESSION:ARI07972
42	20.4	1.2	24 1	BD234330	ACCESSION:BD234330
43	20.4	1.2	24 1	I24762	ACCESSION:I24762
44	20.4	1.2	24 1	ARI84443	ACCESSION:ARI84443
45	20.4	1.2	24 1	AR202876	ACCESSION:AR202876
46	20.4	1.2	24 1	AR213697	ACCESSION:AR213697
47	20.4	1.2	24 1	AR232949	ACCESSION:AR232949
48	20.4	1.2	24 1	AR241846	ACCESSION:AR241846
49	20.4	1.2	24 1	AR340571	ACCESSION:AR340571
50	20.4	1.2	24 1	AR345020	ACCESSION:AR345020
51	20.4	1.2	24 1	AR431307	ACCESSION:AR431307
52	20.4	1.2	24 1	AR431310	ACCESSION:AR431310
53	20.4	1.2	24 1	AX104241	ACCESSION:AX104241
54	20.4	1.2	24 1	AX104769	ACCESSION:AX104769
55	20.4	1.2	24 1	AX354553	ACCESSION:AX354553
56	20.4	1.2	24 1	AX355813	ACCESSION:AX355813
57	20.4	1.2	24 1	AX427163	ACCESSION:AX427163
58	20.4	1.2	24 1	AX428574	ACCESSION:AX428574
59	20.4	1.2	24 1	AX547294	ACCESSION:AX547294
60	20.4	1.2	24 1	AX547822	ACCESSION:AX547822
61	20.4	1.2	24 1	AX547823	ACCESSION:AX547823
62	20.4	1.2	24 1	AX684290	ACCESSION:AX684290
63	20.4	1.2	24 1	AX750585	ACCESSION:AX750585
64	20.4	1.2	24 1	AX829247	ACCESSION:AX829247
65	20.4	1.2	24 1	AX829247	ACCESSION:AX829247
66	20.4	1.2	25 1	BD136714	ACCESSION:BD136714
67	20.4	1.2	25 1	ARI05982	ACCESSION:ARI05982
68	20.4	1.2	25 1	BD234336	ACCESSION:BD234336
69	20.4	1.2	25 1	I58009	ACCESSION:I58009
70	20.4	1.2	25 1	I96072	ACCESSION:I96072
71	20.4	1.2	25 1	AR288252	ACCESSION:AR288252
72	20.4	1.2	25 1	AX116188	ACCESSION:AX116188
73	20.4	1.2	25 1	BD187513	ACCESSION:BD187513
74	20.4	1.2	25 1	BD187514	ACCESSION:BD187514
75	20.4	1.2	25 1	BD204988	ACCESSION:BD204988
76	20.4	1.2	26 1	ARI37712	ACCESSION:ARI37712
77	20.4	1.2	26 1	ARI74582	ACCESSION:ARI74582
78	20.4	1.2	26 1	BD248975	ACCESSION:BD248975
79	20.4	1.2	26 1	I79495	ACCESSION:I79495
80	20.4	1.2	26 1	AR279358	ACCESSION:AR279358
81	20.4	1.2	26 1	AR374074	ACCESSION:AR374074
82	20.4	1.2	26 1	AR404597	ACCESSION:AR404597
83	20.4	1.2	26 1	AX427154	ACCESSION:AX427154
84	20.4	1.2	26 1	AX528804	ACCESSION:AX528804
85	20.4	1.2	26 1	BD007174	ACCESSION:BD007174
86	20.4	1.2	27 1	E04985	ACCESSION:E04985
87	20.4	1.2	27 1	AR214918	ACCESSION:AR214918
88	20.4	1.2	27 1	AX009609	ACCESSION:AX009609
89	20.4	1.2	27 1	AX104719	ACCESSION:AX104719
90	20.4	1.2	27 1	AX355814	ACCESSION:AX355814
91	20.4	1.2	27 1	AX492939	ACCESSION:AX492939
92	20.4	1.2	27 1	AX547772	ACCESSION:AX547772
93	20.4	1.2	27 1	BD175131	ACCESSION:BD175131
94	20.2	1.2	27 1	S6486283	ACCESSION:S6486283
95	20.2	1.2	22 1	AX836623	ACCESSION:AX836623
96	20	1.1	20 1	AR064875	ACCESSION:AR064875
97	20	1.1	20 1	AR080000	ACCESSION:AR080000
98	20	1.1	20 1	AR085926	ACCESSION:AR085926
99	20	1.1	20 1	AR087520	ACCESSION:AR087520
100	20	1.1	20 1	AR093312	ACCESSION:AR093312
101	20	1.1	20 1	ARI18970	ACCESSION:ARI18970
102	20	1.1	20 1	ARI21692	ACCESSION:ARI21692
103	20	1.1	20 1	ARI23335	ACCESSION:ARI23335
104	20	1.1	20 1	ARI41070	ACCESSION:ARI41070
105	20	1.1	20 1	ARI54115	ACCESSION:ARI54115
106	20	1.1	20 1	ARI64658	ACCESSION:ARI64658